

ABBYY® FineReader PDF 15

Manual del administrador de sistemas

La información contenida en este documento está sujeta a cambios sin previo aviso y no compromete de forma alguna a ABBYY.

El software descrito en este documento se suministra bajo un contrato de licencia. El software únicamente se podrá utilizar o copiar en los casos descritos en el contrato de licencia. Queda prohibida la reproducción total o parcial de este documento, en cualquiera de las formas, electrónica u otras, y a los efectos que fuere, sin la autorización por escrito de ABBYY.

[Derechos de autor](#)⁶⁶

Índice

Métodos de instalación y activación según el tipo de licencia y la versión del producto	5
Métodos de implementación	5
Instalación en un solo equipo (instalación de software estándar)	5
Instalación en más de un equipo	6
Instalación en un Terminal Server	7
Implementación de ABBYY FineReader PDF 15 en una LAN (Instalación en más de un equipo)	8
Requisitos de la carpeta de instalación de administración	9
Requisitos de License Server	9
Requisitos de la estación del administrador de licencias	10
Requisitos de la estación de trabajo	10
Instalación de administración con License Server y License Manager	10
Instalación de License Server y License Manager	11
Creación de un punto de instalación de administración	13
Administración de licencias	14
Implementación de un paquete de distribución multiusuario con licencias por puesto	15
Requisitos de la carpeta de instalación de administración	16
Requisitos de la estación de trabajo	16
Creación de un punto de instalación administrativa multiusuario con licencias por puesto	17
Instalación de ABBYY FineReader PDF 15 en estaciones de trabajo	18
Instalación interactiva	19
Instalación mediante línea de comandos	19
Instalación silenciosa	20
Uso de Windows Installer	21
Opciones adicionales de la línea de comandos para la instalación silenciosa	22
Desinstalar ABBYY FineReader PDF 15 en modo silencioso	25
Instalación mediante Active Directory	25
Ejemplo: implementación de ABBYY FineReader PDF 15 mediante Active Directory	26
Utilización de Microsoft System Center Configuration Manager (SCCM)	32
Ejemplo: implementación de ABBYY FineReader PDF 15 mediante SCCM	33
Instalación de ABBYY FineReader PDF 15 en un Terminal Server	41
Requisitos del sistema del servidor de terminal	42
Configuración de Windows RemoteApp	43
Configuración de Citrix Workspace App	47
Uso de una directiva de grupo para configurar ABBYY FineReader PDF 15	53
Configurar ABBYY FineReader PDF 15 en un equipo local	55

Índice

Configurar ABBYY FineReader PDF 15 en todos los equipos del dominio a la vez	57
Actualizaciones de la instalación	59
Preguntas frecuentes	60
¿Puedo clonar un sistema operativo que tenga ABBYY FineReader PDF 15 instalado?	60
¿Cómo puedo cambiar la configuración de la conexión de red?	61
Configuración del protocolo de conexión	62
Configuración del puerto de conexión	63
¿Cómo puedo reparar ABBYY FineReader PDF 15 en las estaciones de trabajo?	63
Reparación de ABBYY FineReader PDF 15 en modo interactivo	63
Reparación de ABBYY FineReader PDF 15 por medio de la línea de comandos	64
¿Cómo puedo cambiar el nombre del equipo que aloja License Server o mover License Server a otro equipo?	65
Asistencia técnica	66
Software de terceros	66

Métodos de instalación y activación según el tipo de licencia y la versión del producto

Métodos de implementación disponibles para cada tipo de licencia

	Independiente	Por puesto	Simultánea	Usuario remoto
Instalación en un solo equipo (instalación de software estándar)	+	+	No recomendado	+
Instalación en un Terminal Server	-	-	+	+
Instalación en más de un equipo: punto de instalación administrativa	-	+	+	+
Instalación en más de un equipo: punto de instalación administrativa con activación automática	-	+	-	-

Métodos de implementación

Instalación en un solo equipo (instalación de software estándar)

1. Este método es adecuado para todos los tipos de licencia, excepto las **simultáneas**.
2. Cuando se instale FineReader, es necesario activarlo.

Instalación en más de un equipo

Puede crear un punto de instalación administrativa para instalar ABBYY FineReader PDF 15 en más de un equipo e implementar ABBYY FineReader desde un servidor en estaciones de trabajo.

ABBYY FineReader se activa mediante el servidor.

1. Creación de una instalación administrativa

Instalación administrativa con License Server y License Manager

- No es necesario que las estaciones de trabajo tengan conexión a internet.
- Se necesita License Manager.
- El producto solo se puede instalar en estaciones de trabajo de la misma LAN.

Punto de instalación administrativa multiusuario con licencias por puesto y activación automática

- Es necesario que las estaciones de trabajo tengan conexión a internet.
- No se necesita License Manager.
- Este método permite implementar FineReader en equipos de diferentes LAN.

2. Métodos de implementación

Instale ABBYY FineReader en estaciones de trabajo usando uno de los siguientes métodos:

- **Manualmente en modo interactivo**
- **Mediante la línea de comandos**
Puede usar el tipo de instalación silenciosa. No se mostrará ningún cuadro de diálogo durante la instalación.
- **Mediante Active Directory**
 - Este método solo se puede usar con **Group Policy Management** (Administración de directivas de grupo) para implementar FineReader en determinados equipos o en un grupo de dominios.
 - Los elementos y las opciones específicos del menú que requieren de conexión a Internet se pueden ocultar. El comportamiento del programa también se puede modificar. Para más información, consulte [Utilizar una directiva de grupo para configurar ABBYY FineReader 15](#) ⁵³.
- **Mediante Microsoft System Center Configuration Manager (SCCM)**
Este método ofrece la mayor automatización.

Instalación en un Terminal Server

Con una licencia **Simultánea** o de **Usuario remoto**:

1. Si selecciona este tipo de licencia, deberá crear un punto de instalación administrativa e instalar el Servidor de licencias y el Administrador de licencias.
2. Debe usar License Manager para activar ABBYY FineReader PDF 15.
3. Debe implementarse un servidor de licencia en un equipo que esté accesible para todos los servidores de terminal en todo momento.

Implementación de ABBYY FineReader PDF 15 en una LAN (Instalación en más de un equipo)

ABBYY FineReader PDF 15 puede instalarse y utilizarse en una red de área local.

Los métodos de instalación automatizados permiten mayor rapidez y flexibilidad en la instalación de ABBYY FineReader PDF 15 en una red de área local, ya que no es necesario instalar el programa de forma manual en cada una de las estaciones de trabajo.

ABBYY FineReader puede implementarse desde cualquier equipo que ejecute Microsoft Windows 7 SP1 (o posterior).

El proceso de implementación consta de los siguientes pasos:

1. Instalación de administración

- Instalación de ABBYY FineReader PDF 15 License Server y ABBYY FineReader PDF 15 License Manager
Para obtener más información, consulte [Instalación de License Server y License Manager](#)^[11].
Nota: el equipo en el que se instala ABBYY FineReader PDF 15 License Manager se convierte en la estación del administrador de licencias.
- Creación de un punto de instalación de administración
Para obtener más información, consulte [Creación de un punto de instalación de administración](#)^[13].
Nota: puede cambiar la configuración de la conexión de red utilizada por License Server, License Manager y las estaciones de trabajo. Para obtener más información, consulte [¿Cómo puedo cambiar la configuración de la conexión de red?](#)^[61].
Nota: el punto de instalación de administración y License Server pueden estar ubicados en el mismo equipo o bien en equipos diferentes.

2. Administración de licencias

Las licencias se administran mediante ABBYY FineReader PDF 15 License Manager.

Para distribuir correctamente las licencias entre las estaciones de trabajo durante la instalación y uso de ABBYY FineReader PDF 15, debe otorgar prioridad a ciertas estaciones de trabajo/usuarios para obtener licencias. Para hacerlo, debe reservar licencias y grupos de licencias para estaciones de trabajo/usuarios específicos.

Un grupo de licencias es un conjunto de licencias que proporcionan acceso al programa. Los grupos facilitan la gestión de licencias: por ejemplo, puede agregar varias licencias a un grupo y luego reservar el grupo a estaciones de trabajo/usuarios específicos, en lugar de reservar cada licencia individualmente.

Para obtener más información, consulte [Administración de licencias](#)^[14].

3. Instalación de ABBYY FineReader en estaciones de trabajo mediante uno de los métodos siguientes:

- Manualmente, en modo interactivo
 - Mediante la línea de comandos
 - Active Directory
 - Microsoft System Center Configuration Manager (SCCM)
- Para obtener más información, consulte [Implementación de un paquete de distribución multiusuario con licencias por puesto](#)^[15].

Nota: La versión de 32 bits de ABBYY FineReader PDF 15 no se puede instalar en un sistema de 64 bits. Lo mismo sucede con la versión de 64 bits en sistemas de 32 bits.

Importante: No ponga el Servidor de licencia en la misma carpeta que el punto de instalación administrativo.

Requisitos de la carpeta de instalación de administración

1. 1.2 GB de espacio libre en el disco duro para crear un punto de instalación de administración.
2. Acceso de lectura a la carpeta de instalación de administración (p. ej., `\MyFileServer\Distribs\ABBYY FineReader PDF 15`) para todos los usuarios en cuyos equipos se vaya a instalar ABBYY FineReader.
3. El servidor (`\\MyFileServer`) en el que se crea el punto de instalación de administración debe ser un servidor de archivos que ejecute cualquier sistema operativo que admita nombres de archivo largos.
4. Si se utiliza Active Directory para implementar ABBYY FineReader PDF 15, las cuentas de equipos de dominio deben tener permisos de lectura para la carpeta de instalación de administración.

Requisitos de License Server

1. 100 MB de espacio libre en el disco duro para crear cuentas y archivos de licencia.
2. El servidor (`\\MyLicenseServer`) en el que se instale License Server debe ejecutar Microsoft Windows 10, Microsoft Windows 8.1, Microsoft Windows 8, Microsoft Windows 7 SP1, Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2 SP1.
3. El número de conexiones compatibles con el sistema operativo de License Server debe ser, al menos, igual al número total de posibles usuarios del programa (para licencias **Simultáneas** y de **Usuario remoto**).
4. Una conexión estable al servidor de licencias en todas las estaciones de trabajo.

Requisitos de la estación del administrador de licencias

1. Ordenador que ejecute Microsoft Windows 10, Microsoft Windows 8.1, Microsoft Windows 8, Microsoft Windows 7 SP1, Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2 SP1.
2. El sistema operativo debe ser compatible con el idioma de interfaz seleccionado.
3. 100 MB de espacio libre en el disco duro.

Requisitos de la estación de trabajo

1. Procesador de 1GHz o más rápido 32 bit (x86) o 64 bit (x64) con el conjunto de instrucciones SSE2.
2. Sistema operativo: Microsoft Windows 10, Microsoft Windows 8.1, Microsoft Windows 8, Microsoft Windows 7 SP1, Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2 SP1. (Para poder trabajar con interfaces localizadas, el sistema operativo debe ser compatible con el idioma correspondiente).
3. 1 GB de RAM (se recomienda 4 GB) 512 MB de RAM adicionales para cada procesador adicional en un sistema de multiprocesador.
4. 1.2 GB para la instalación de todos los componentes del programa; 1.2 GB para el funcionamiento del programa.
5. Monitor y tarjeta de vídeo compatibles con una resolución mínima de 1024 × 768.
6. Teclado y ratón u otro dispositivo señalador.
7. Microsoft .NET Framework 4.5 o una versión posterior (puede faltar en estaciones de trabajo que ejecuten Microsoft Windows 7 SP1 o Microsoft Windows Server 2008 R2 SP1).

Instalación de administración con License Server y License Manager

Instalación de License Server y License Manager

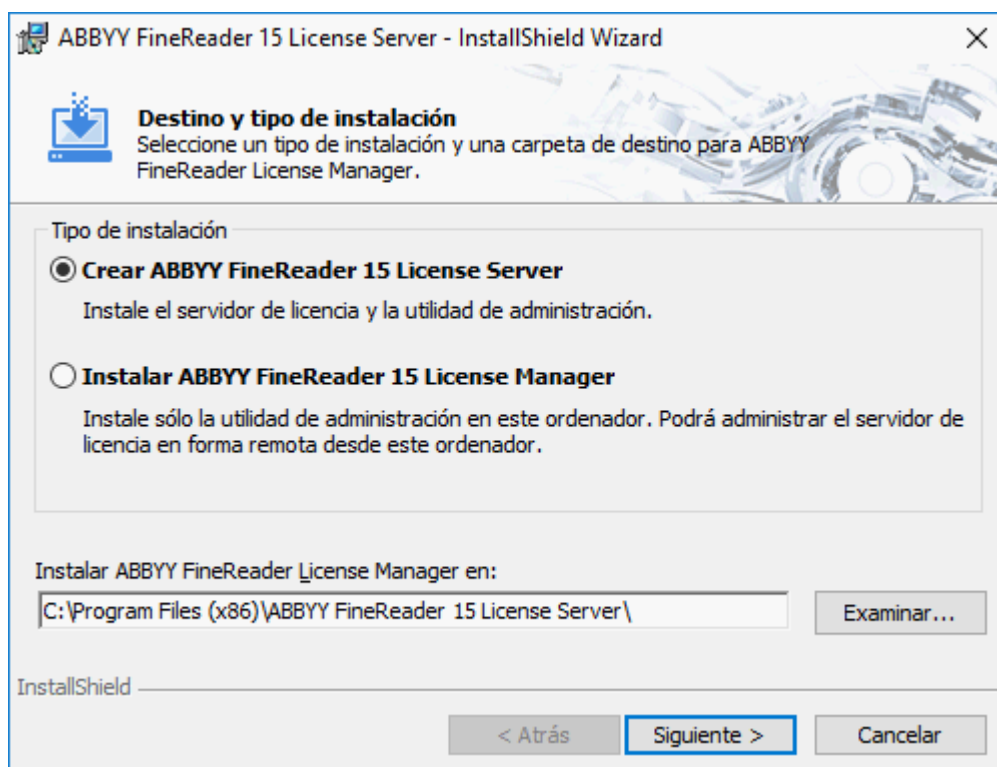
1. Abra el archivo **AutoRun.exe** desde la carpeta de instalación y seleccione **Instalación masiva > Instalar y activar con el gestor de licencias > Paso 1. Instale el servidor de licencia y el gestor de licencias.**

También puede abrir el archivo **License Server\Setup.exe** desde la carpeta de instalación.

2. Siga las instrucciones del programa de instalación.

Durante la instalación, puede:

- Instalar ABBYY FineReader License Server y ABBYY FineReader License Manager. License Server y License Manager se instalarán en el mismo equipo. Puede especificar una carpeta en la que instalar License Manager.
- Instalar solamente ABBYY FineReader PDF 15 License Manager. Deberá especificar una carpeta en la que instalar License Manager y especificar el nombre del equipo donde se aloja License Server.



Nota:

1. Si van a administrar las licencias de ABBYY FineReader PDF 15 varios usuarios, estos deben tener la utilidad License Manager instalada en sus equipos.
2. Cada usuario debe ser miembro de uno de los dos grupos locales del servidor:
 - Administradores de licencias de ABBYY
 - BUILTIN\Administradores

Puede deshabilitar la autorización de los usuarios en el archivo **%commonprogramfiles% \ABBYY\FineReader\15\Licensing\NetworkLicenseServer.ini** (o **%commonprogramfiles(x86)% \ABBYY\FineReader\15\Licensing\NetworkLicenseServer.ini** si utiliza un sistema de 64 bits).

Este archivo se encuentra en el equipo en el que se haya instalado License Server.

Añada el siguiente parámetro al archivo:

[Licensing]

EnableManagerAuthorization = false

Importante: para que los cambios tengan efecto, debe reiniciar ABBYY FineReader PDF 15 Licensing Service.

Creación de un punto de instalación de administración

1. Abra el archivo **AutoRun.exe** desde la carpeta de instalación y seleccione **Instalación masiva > Instalar y activar con el Gestor de licencia > Paso 2. Cree una instalación administrativa.**

También puede utilizar la línea de comandos para ejecutar el comando siguiente en la carpeta de instalación: **Setup.exe /a.**

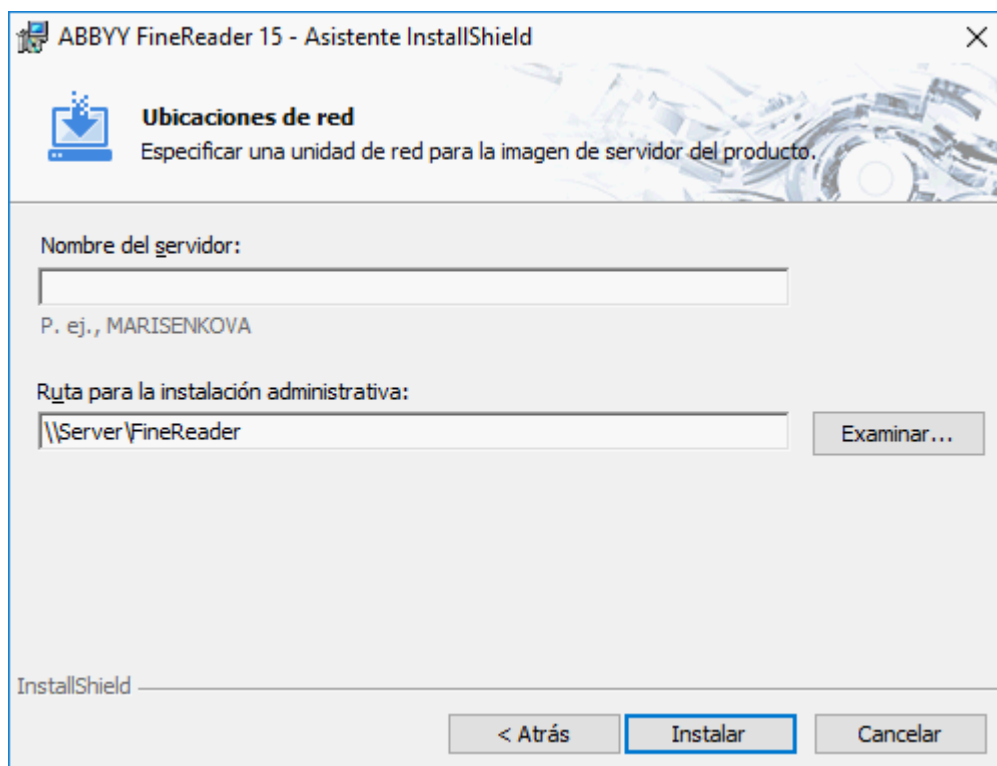
Nota: consulte [las Opciones adicionales de línea de comandos para silenciar la instalación](#)^[19] con opciones adicionales para la instalación de la línea de comando.

2. Siga las instrucciones del programa de instalación.

Cuando el programa de instalación se lo indique, especifique lo siguiente:

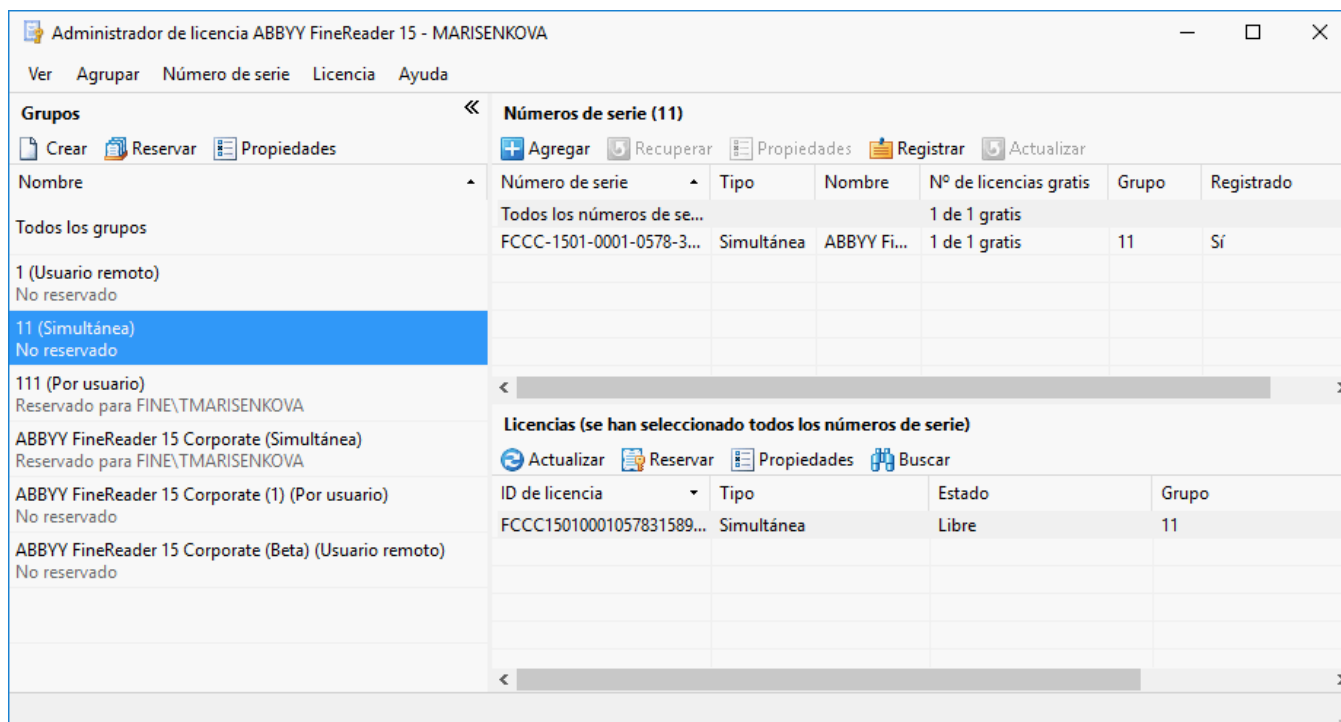
- El nombre del equipo donde se instalará License Server
Nota: Se puede usar la dirección IP de un servidor en lugar de su nombre.
- La ruta de la carpeta de instalación de administración

Importante: evite mover la carpeta de instalación de administración después de instalar ABBYY FineReader en las estaciones de trabajo.



Administración de licencias

ABBYY FineReader PDF 15 License Manager es una aplicación especial proporcionada con ABBYY FineReader PDF 15 que sirve para administrar las licencias de ABBYY FineReader. La aplicación se instala en la estación de administración de licencias al implementar ABBYY FineReader PDF 15 en una red de área local. (Consulte [Instalación de License Server y License Manager](#) para obtener más información).



Configure las licencias mediante ABBYY FineReader PDF 15 License Manager:

1. Agregar licencias a ABBYY FineReader PDF 15 License Manager.

Una licencia (o un grupo de licencias) de ABBYY FineReader PDF 15 tiene un número de serie único que la identifica. Para activar una licencia y agregarla a ABBYY FineReader PDF 15 License Manager, debe activar su número de serie.

2. Crear pools de licencias y agregar las licencias necesarias a los pools.

Un pool de licencias es un conjunto de licencias o de números de serie de igual rango. Los pools de licencias facilitan el trabajo con las licencias. Por ejemplo, en lugar de reservar cada licencia por separado, puede añadirlas a un grupo de licencias y reservar ese grupo para las estaciones de trabajo/usuarios apropiados.

3. Reserve grupos y licencias para las estaciones de trabajo y usuarios apropiados.

Antes de instalar ABBYY FineReader PDF 15 en las estaciones de trabajo, debe distribuir las licencias entre las estaciones de trabajo/usuarios en el Gestor de licencias de ABBYY FineReader PDF 15. El proceso de distribución se lleva a cabo reservando una licencia para una estación de trabajo/usuario específicos. Una vez que una licencia está reservada, solo la estación de trabajo/usuario podrá usarla.

Importante: Reserve las licencias y grupos de licencias por usuario antes de instalar ABBYY FineReader PDF 15 en las estaciones de trabajo. Para enlazar una estación de trabajo o anular el enlace después de instalar en ella ABBYY FineReader, deberá quitar el programa de la estación de trabajo. Para mover una licencia por puesto de una estación de trabajo a otra después de haber instalado ABBYY FineReader, deberá desactivar la licencia. La cantidad de desactivaciones permitidas es limitada.

Para obtener más información sobre los tipos de licencia y sobre cómo trabajar con ABBYY FineReader PDF 15 License Manager, consulte el archivo de ayuda de ABBYY FineReader PDF 15 License Manager.

Implementación de un paquete de distribución multiusuario con licencias por puesto

Implementar un paquete de distribución multi usuario con activación automática no requiere instalar el servidor de licencias ni el gestor de licencias.

Implementar un paquete de distribución multiusuario en una red de área local comprende los siguientes pasos:

1. Crear un punto de instalación administrativa multiusuario

En este paso, se añade una clave de activación multiusuario al paquete de distribución, la cual permite instalar ABBYY FineReader en estaciones de trabajo sin necesidad de introducir un número de serie.

Para obtener más información, consulte [Creación de un punto de instalación administrativa multiusuario con licencias por puesto](#)¹⁷.

2. Instalación de ABBYY FineReader en estaciones de trabajo mediante uno de los métodos siguientes:

- Manualmente, en modo interactivo
- Mediante la línea de comandos
- Active Directory
- Microsoft System Center Configuration Manager (SCCM)

Para obtener más información, consulte [Instalación de ABBYY FineReader 15 en estaciones de trabajo](#)¹⁸.

Nota: La versión de 32 bits de ABBYY FineReader PDF 15 no se puede instalar en un sistema de 64 bits. Lo mismo sucede con la versión de 64 bits en sistemas de 32 bits.

Requisitos de la carpeta de instalación de administración

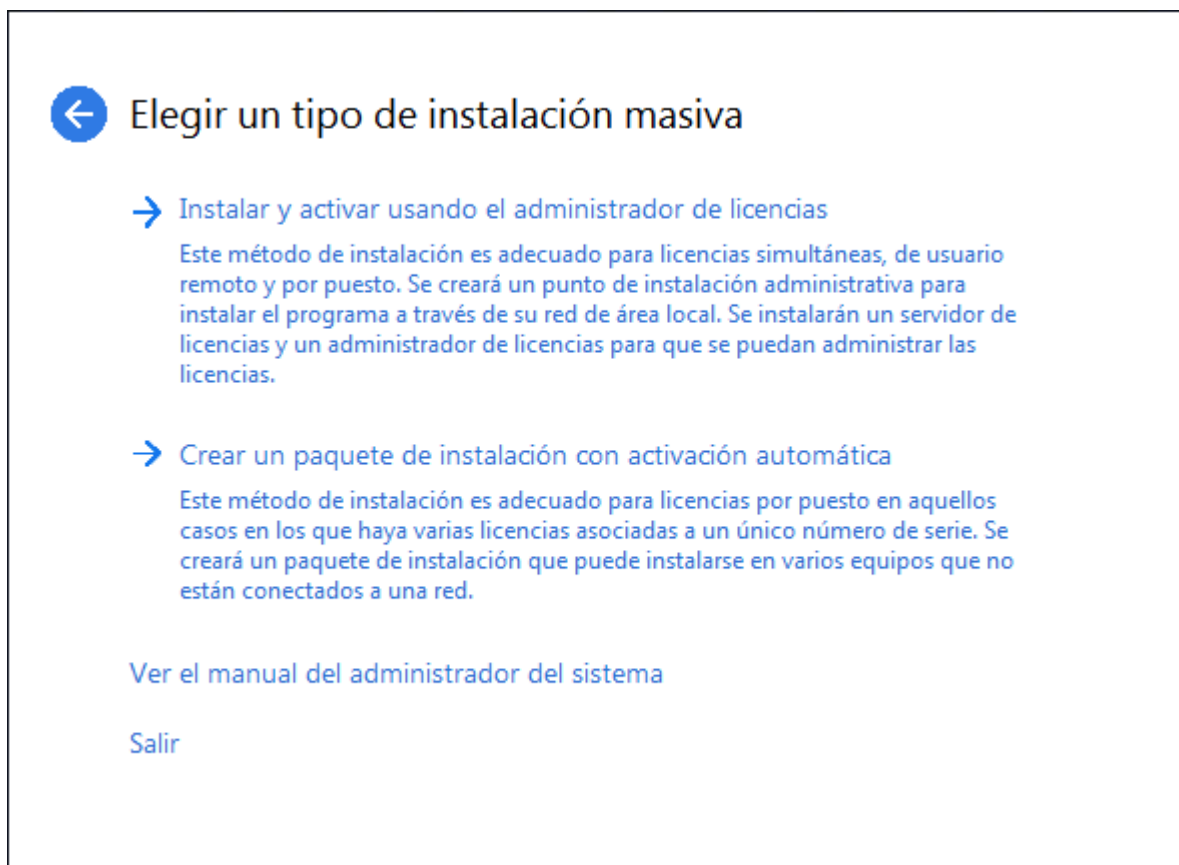
1. 1.2 GB de espacio libre en el disco duro para crear un punto de instalación de administración.
2. Acceso de lectura a la carpeta de instalación de administración (p. ej., **\\MyFileServer\Programs Distributions\ABBYY FineReader PDF 15**) para todos los usuarios en cuyos equipos se vaya a instalar ABBYY FineReader.
3. El servidor (**\\MyFileServer**) en el que se crea el punto de instalación de administración debe ser un servidor de archivos que ejecute cualquier sistema operativo que admita nombres de archivo largos.
4. Si se utiliza Active Directory para implementar ABBYY FineReader 11, las cuentas de equipos de dominio deben tener permisos de lectura para la carpeta de instalación de administración.
5. La ruta debe cumplir con los siguientes requisitos:
 - La ruta no puede contener caracteres fuera de la página de código del idioma seleccionado como idioma del sistema predeterminado para aplicaciones que no son de Unicode.
 - El nombre de las carpetas intermedias no puede comenzar por un espacio.

Requisitos de la estación de trabajo

1. Procesador de 1GHz o más rápido 32 bit (x86) o 64 bit (x64) con el conjunto de instrucciones SSE2.
2. Sistema operativo: Microsoft Windows 10, Microsoft Windows 8.1, Microsoft Windows 8, Microsoft Windows 7 SP1, Microsoft Windows Server 2019, Microsoft Windows Server 2016, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows Server 2008 R2 SP1. (Para poder trabajar con interfaces localizadas, el sistema operativo debe ser compatible con el idioma correspondiente).
3. 1 GB de RAM (se recomienda 4 GB) 512 MB de RAM adicionales para cada procesador adicional en un sistema de multiprocesador.
4. 1.2 GB para la instalación de todos los componentes del programa; 1.2 GB para el funcionamiento del programa.
5. Monitor y tarjeta de vídeo compatibles con una resolución mínima de 1024 × 768.
6. Teclado y ratón u otro dispositivo señalador.
7. Microsoft .NET Framework 4.5 o una versión posterior (puede faltar en estaciones de trabajo que ejecuten Microsoft Windows 7 SP1 o Microsoft Windows Server 2008 R2 SP1).

Creación de un punto de instalación administrativa multiusuario con licencias por puesto

1. Abra el archivo **AutoRun.exe** desde la carpeta de instalación y seleccione **Instalación masiva > Cree un paquete de instalación con activación automática** y seleccione la versión apropiada de punto de instalación administrativo.



También puede utilizar la línea de comandos para ejecutar el comando siguiente en la carpeta de instalación: **Setup.exe /a**.

Nota: véase [Opciones de línea de comando adicionales para una instalación silenciosa](#)^[22] con opciones adicionales para la instalación de la línea de comandos

2. Siga las instrucciones del programa de instalación.

Puede añadir una clave de activación multiusuario al paquete de distribución existente o crear un punto de instalación administrativa. Si elige la segunda opción, deberá especificar la ruta de acceso a la carpeta donde se ubicará el nuevo punto de instalación administrativa. La ruta debe cumplir con los siguientes requisitos:

 - La ruta no puede contener caracteres fuera de la página de código del idioma seleccionado como idioma del sistema predeterminado para aplicaciones que no son de Unicode.
 - El nombre de las carpetas intermedias no puede comenzar por un espacio.

Como resultado, se creará un paquete de distribución de ABBYY FineReader que puede instalarse en estaciones de trabajo sin necesidad de introducir un número de serie. El producto se activará automáticamente a través de Internet, sin pedir confirmación al usuario. La estación de trabajo donde se va a instalar el producto debe estar conectada a Internet.

Instalación de ABBYY FineReader PDF 15 en estaciones de trabajo

Importante: antes de instalar ABBYY FineReader PDF 15 en estaciones de trabajo, deberá:

- Crear un punto de instalación administrativa y configurar las licencias usando License Manager de ABBYY FineReader PDF 15 (consulte [Instalación de License Server y License Manager](#)^[11], [Creación de un punto de instalación de administración](#)^[13], [Administración de licencias](#)^[14]).

Nota: Una estación de trabajo obtiene una licencia por puesto y se enlaza al servidor únicamente cuando ABBYY FineReader PDF 15 está instalado en dicha estación de acuerdo con la configuración de las licencias en el momento de la instalación.

o

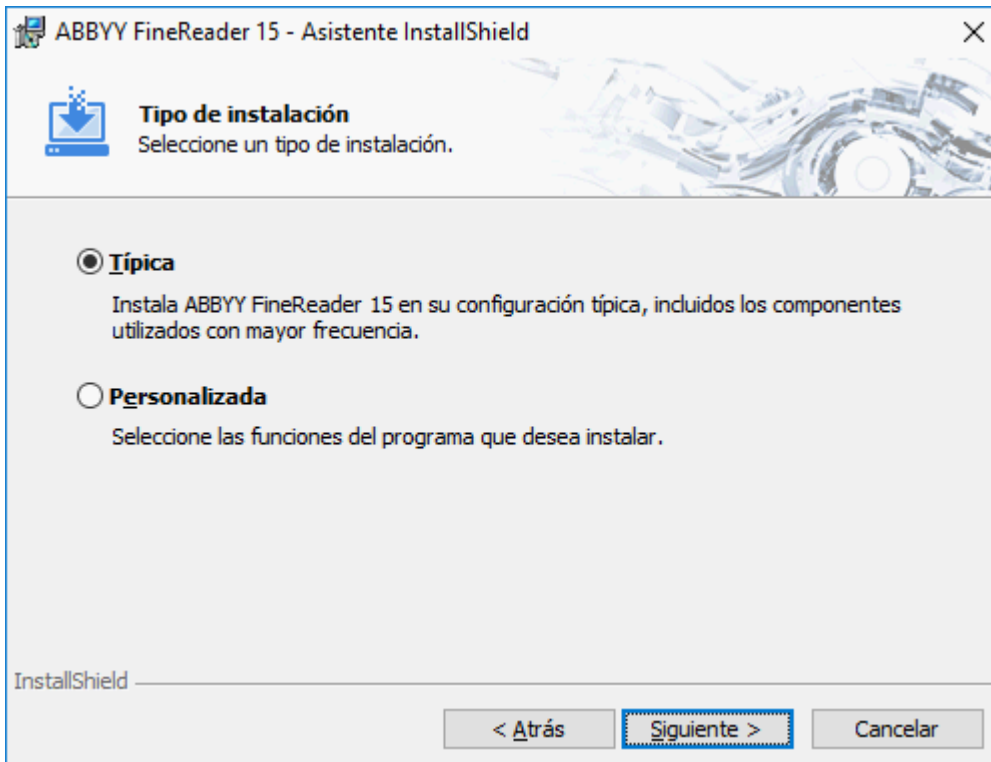
- Crear un punto de instalación administrativa multiusuario (consulte [Crear un punto de instalación administrativa multiusuario](#)^[17]).

Nota: Si se ha clonado una estación de trabajo desde otro equipo, debe cambiar el valor del identificador de seguridad (SID) antes de instalar ABBYY FineReader para evitar que el mecanismo de licencia funcione incorrectamente.

¡Importante! Para poder instalar ABBYY FineReader PDF 15, la estación de trabajo debe tener Microsoft .NET Framework 4.5 o una versión posterior. Este componente puede faltar en estaciones de trabajo que ejecuten Microsoft Windows 7 SP1 o Microsoft Windows Server 2008 R2 SP1.

Instalación interactiva

1. Crear un punto de instalación administrativa (consulte [Instalación de administración](#)^[10]) o un punto de instalación administrativa multiusuario (consulte [Crear un punto de instalación administrativa multiusuario](#)^[17]).
2. Ejecute el archivo **setup.exe** en la carpeta de instalación de administración.



3. Siga las instrucciones del asistente para la instalación.

Instalación mediante línea de comandos

1. Crear un punto de instalación administrativa (consulte [Instalación de administración](#)^[10]) o un punto de instalación administrativa multiusuario (consulte [Crear un punto de instalación administrativa multiusuario](#)^[17]).
2. Ejecute el archivo **setup.exe** en la carpeta de instalación de administración mediante los parámetros de la línea de comandos que se describen a continuación.

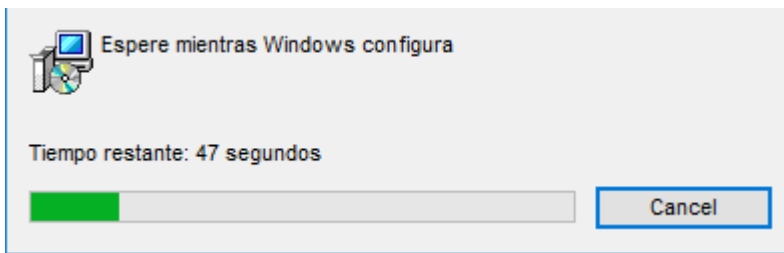
Instalación silenciosa

Para realizar una instalación silenciosa, escriba:

Setup.exe /qn

En el caso de la instalación silenciosa, no aparecerá ningún cuadro de diálogo de instalación y el programa se instalará con la configuración predeterminada. (El idioma de la interfaz se selecciona de forma automática en función de la configuración regional de su equipo).

Nota: cambie «/qn» por «/qb» si desea visualizar una barra de progreso de la instalación. No se mostrará ningún otro cuadro de diálogo.



Uso de Windows Installer

Para instalar ABBYY FineReader PDF 15 usando Windows Installer, ejecute el siguiente comando desde un símbolo del sistema:

msiexec.exe /i "%pathtofile%" /qb

donde «%pathtofile%» es la ruta de acceso al archivo **ABBYY FineReader 15 x64.msi** en el caso de sistemas de 64 bits o al archivo **ABBYY FineReader 15.msi** en el caso de sistemas de 32 bits.

Nota: En lugar de **/qb**, puede usar también **/qn** o **/q**.

¡Importante! ABBYY FineReader PDF 15 no puede instalarse en modo interactivo usando Windows Installer.

Para instalar ABBYY FineReader PDF 15, puede usar uno de los siguientes archivos *.msi:

1. El archivo *.msi de la carpeta de instalación administrativa (consulte [Crear un punto de instalación administrativa](#)^[10]).
2. El archivo *.msi de un paquete de distribución con activación automática (consulte [Implementación de un paquete de distribución multiusuario con licencias por puesto y activación automática](#)^[15]).
3. El archivo *.msi de la carpeta que contiene los archivos de configuración.

¡Importante! Asegúrese de que Visual C++ Redist ya esté instalado en la estación de trabajo. Puede descargar Visual C++ Redist [aquí](#) o instalarlo desde la carpeta «VC_Redist», disponible en la carpeta que contiene los archivos de configuración.

Para instalar Visual C++ Redist desde la carpeta «VC_Redist»:

- En el caso de un sistema de 32 bits, ejecute **vcredist_x86.exe**.
- En el caso de un sistema de 64 bits, ejecute **vcredist_x86.exe** y **vcredist_x64.exe**, en cualquier orden.

Opciones adicionales de la línea de comandos para la instalación silenciosa

/L<language code> desactiva la selección automática del idioma de la interfaz e instala ABBYY FineReader en el idioma de interfaz especificado en la línea de comandos.

Posibles valores del **código de idioma***:

- 1026 Búlgaro
- 1028 Chino (tradicional)
- 1029 Checo
- 1030 Danés
- 1031 Alemán
- 1032 Griego
- 1033 Inglés
- 1034 Español
- 1036 Francés
- 1038 Húngaro
- 1040 Italiano
- 1041 Japonés
- 1042 Coreano
- 1043 Neerlandés
- 1045 Polaco
- 1046 Portugués (Brasil)
- 1049 Ruso
- 1051 Eslovaco
- 1053 Sueco
- 1055 Turco
- 1058 Ucraniano
- 1066 Vietnamita

2052 Chino (simplificado)

* El número de idiomas de interfaz disponibles depende del tipo de paquete de distribución.

/V" <línea de comandos>" transmite la línea de comandos especificada directamente a **msiexec.exe**.

/a - permitir crear un punto de instalación administrativa

En lugar de las palabras «línea de comandos», puede especificar lo siguiente:

INSTALLDIR="<path>"	Especifica la ruta de acceso a la carpeta donde se instalará ABBYY FineReader PDF 15.
EXPLORER_INTEGRATION=0	Prohíbe integrar ABBYY FineReader PDF 15 con el Explorador de Windows.
SHCTDESKTOP=0	Prohíbe crear un icono de ABBYY FineReader PDF 15 en el escritorio.
SSR_AUTORUN=0	Prohíbe iniciar ABBYY Screenshot Reader al iniciarse el sistema.
DONT_ASK_ABOUT_DEFAULT=1	Prohíbe mostrar cuadros de diálogo de ABBYY FineReader PDF 15 que pregunten al usuario si desea convertirlo en la aplicación predeterminada para abrir archivos PDF.
STATISTICS_ALLOWED=0	Prohíbe enviar por internet información sobre la configuración actual de ABBYY FineReader PDF 15 a ABBYY.
CHECK_UPDATES=0	Prohíbe comprobar si hay actualizaciones.
INSTALL_UPDATES=0	Prohíbe descargar e instalar actualizaciones.
MARKETING_TIPS_ALLOWED=0	Prohíbe mostrar mensajes publicitarios.
SSR=0	Prohíbe instalar ABBYY Screenshot Reader.
HF=0	Prohíbe instalar ABBYY Hot Folder.
COMPARATOR=0	Prohíbe instalar Comparar Documentos de ABBYY

SN= <serial number>	Especifica el número de serie para la activación automática de una licencia por puesto.
LIC_SERVER_NAME= <path>	Especifica la ruta de acceso a License Server.
ADMIN_SETUP=Serial/Server	<p>Crea un punto de instalación administrativa del tipo especificado: ADMIN_SETUP=Serial</p> <p>Muestra un cuadro de diálogo donde puede especificar el número de serie para la activación automática.</p> <p>ADMIN_SETUP=Server</p> <p>Muestra un cuadro de diálogo donde puede especificar la dirección del servidor de licencias.</p> <p>Nota: El parámetro ADMIN_SETUP ha de pasar a setup.exe exclusivamente mediante una combinación de las teclas /a /v.</p>
EULA_ACCEPTED=1	Hace que no se muestre el Contrato de licencia para el usuario final (CLUF) de ABBYY FineReader PDF 15. Se considerará que se han aceptado el CLUF y la Política de confidencialidad.

Por ejemplo:

**Setup.exe /qn /L1049 /v INSTALLDIR="C:\ABBYY FineReader PDF 15"
STATISTICS_ALLOWED=0**

Esta opción instalará ABBYY FineReader PDF 15 en C:\ABBYY FineReader PDF 15. Los menús, cuadros de diálogo y otros elementos de la interfaz aparecerán en ruso. La información sobre la configuración seleccionada de ABBYY FineReader no se enviará a ABBYY por Internet. El grupo de idiomas de OCR disponibles depende del tipo de paquete de distribución.

Desinstalar ABBYY FineReader PDF 15 en modo silencioso

Ejecute el comando siguiente en la estación de trabajo:

msiexec /x {Código de producto},

y dependiendo del tipo de instalación y de la arquitectura de Windows, especifique uno de los siguientes en lugar de {Código de producto}:

	x86	x64
Instalación básica/completa	{F15000FE-0001-0000-0000-074957833700}	{F15000FE-0001-6400-0000-074957833700}
Instalación SLE	{F15000BE-0001-0000-0000-074957833700}	{F15000BE-0001-6400-0000-074957833700}

Ej.:

msiexec /x {F15000FE-0001-0000-0000-074957833700}

Instalación mediante Active Directory

La familia Microsoft Windows Server de sistemas operativos incluye el servicio **Active Directory** (AD). La función **Group Policy** (Directiva de grupo) del componente **Software Installation** (Instalación de software) de AD se puede usar para instalar remotamente software en varias estaciones de trabajo a la vez.

Hay tres métodos de instalación en Active Directory:

1. **Publish to User (Publicar a usuario, no admitido)**
2. **Assign to User (Asignar a usuario, no admitido)**
3. **Assign to Computer (Asignar a equipo)**

ABBYY FineReader solo se puede instalar usando el método **Assign to Computer** (Asignar a equipo).

¡Importante! La instalación de FineReader en una estación de trabajo solo se completará tras reiniciar la estación.

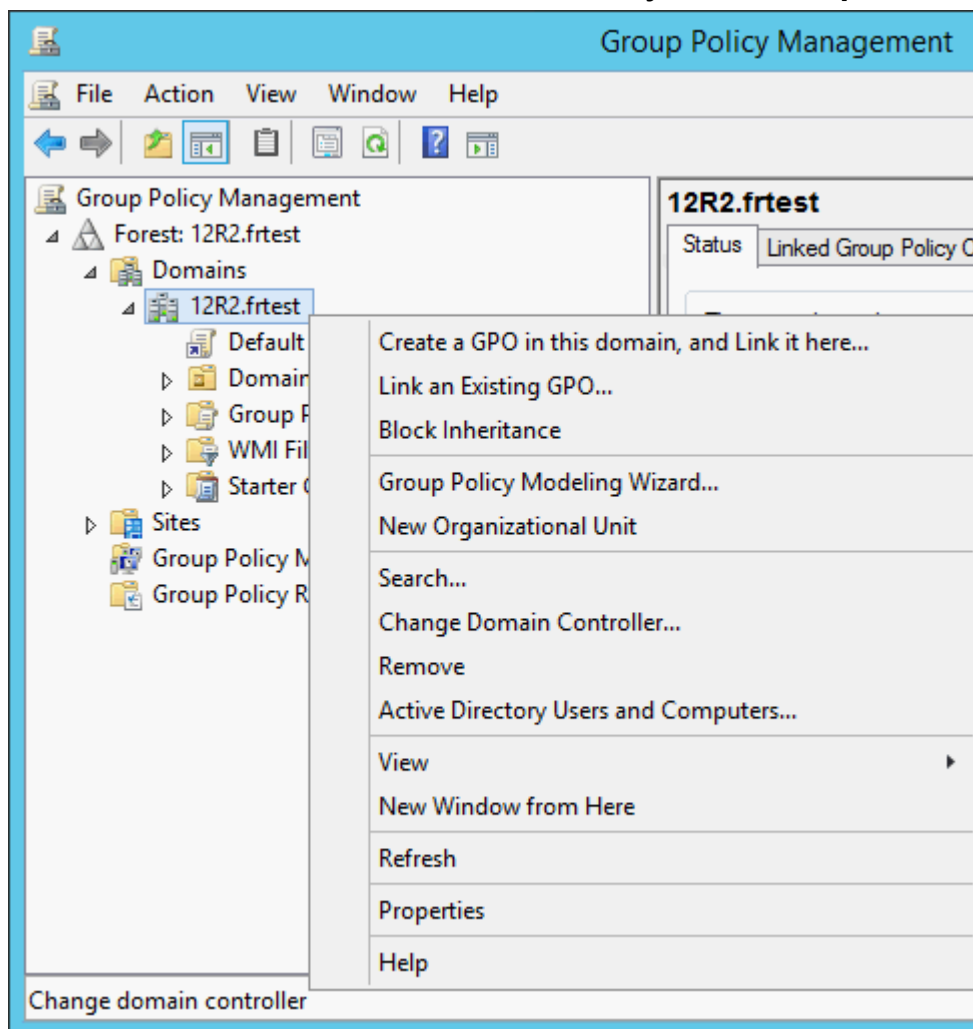
Ejemplo: implementación de ABBYY FineReader PDF 15 mediante Active Directory

En el siguiente ejemplo se ilustra la implementación en Microsoft Windows Server 2012 R2.

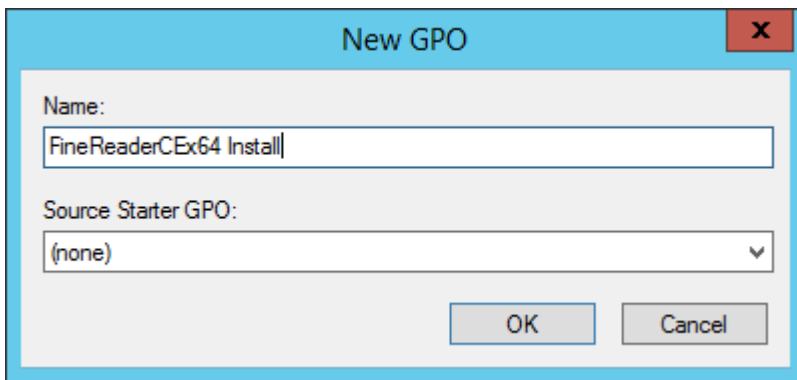
1. Cree un punto de instalación administrativa (consulte [Instalación de administración con License Server y License Manager](#)^[10]) o un punto de instalación multiusuario (consulte [Creación de un punto de instalación administrativa multiusuario](#)^[17]).

Nota: Cuando se utilice Active Directory para implementar ABBYY FineReader PDF 15, las cuentas de los equipos del dominio deben tener permisos de lectura para la carpeta de instalación de administración.

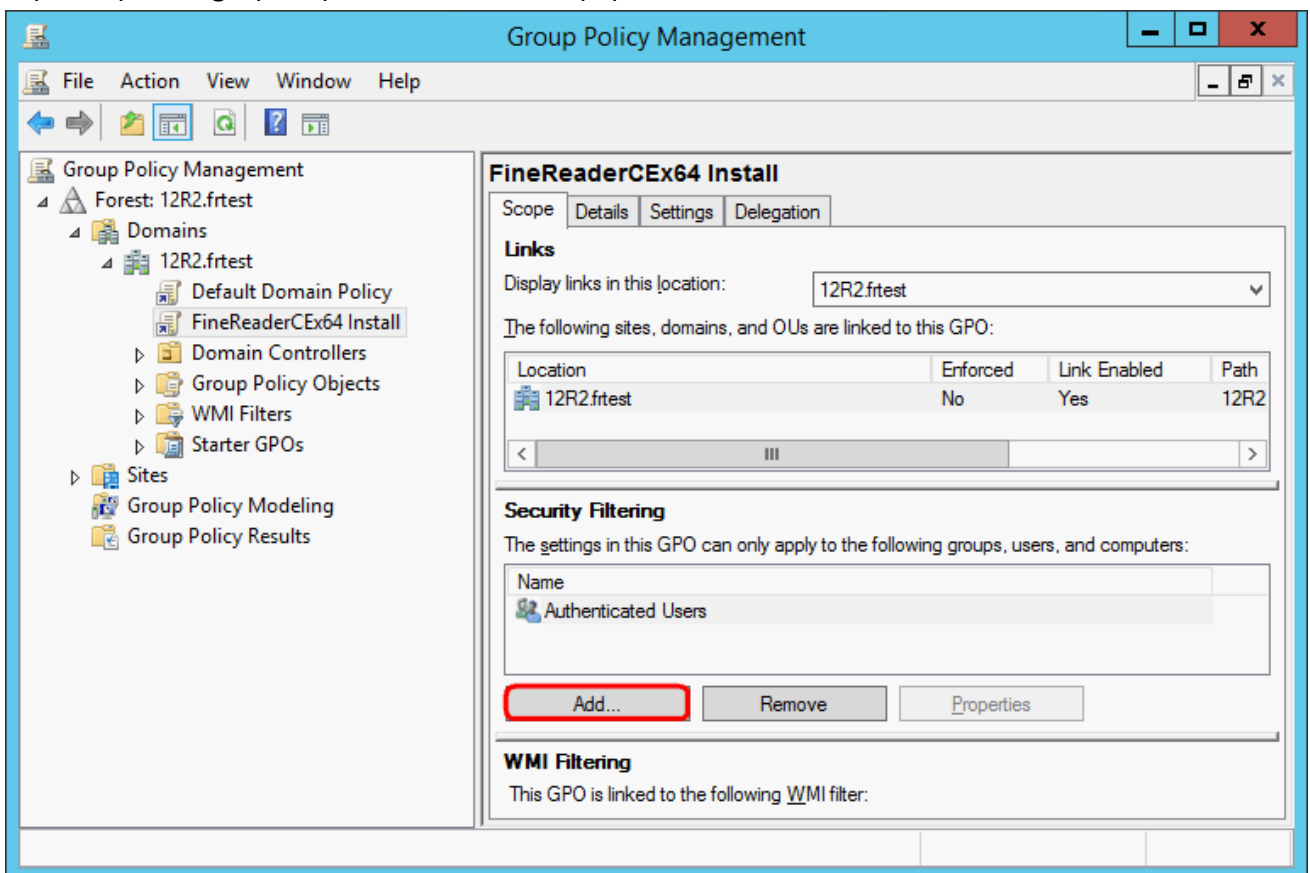
2. Inicie **Group Policy Management Console** (Consola de administración de directivas de grupo, gpmmc.msc).
3. En el árbol de la izquierda, seleccione un sitio, un dominio u otra unidad organizativa que contenga un equipo o un grupo de equipos. FineReader se instalará en dichos equipos.
4. Haga clic con el botón derecho en el nodo de árbol que ha seleccionado y seleccione **Create a GPO [...] and Link it here... (Crear un GPO [...] y vincularlo aquí)** en el menú contextual.



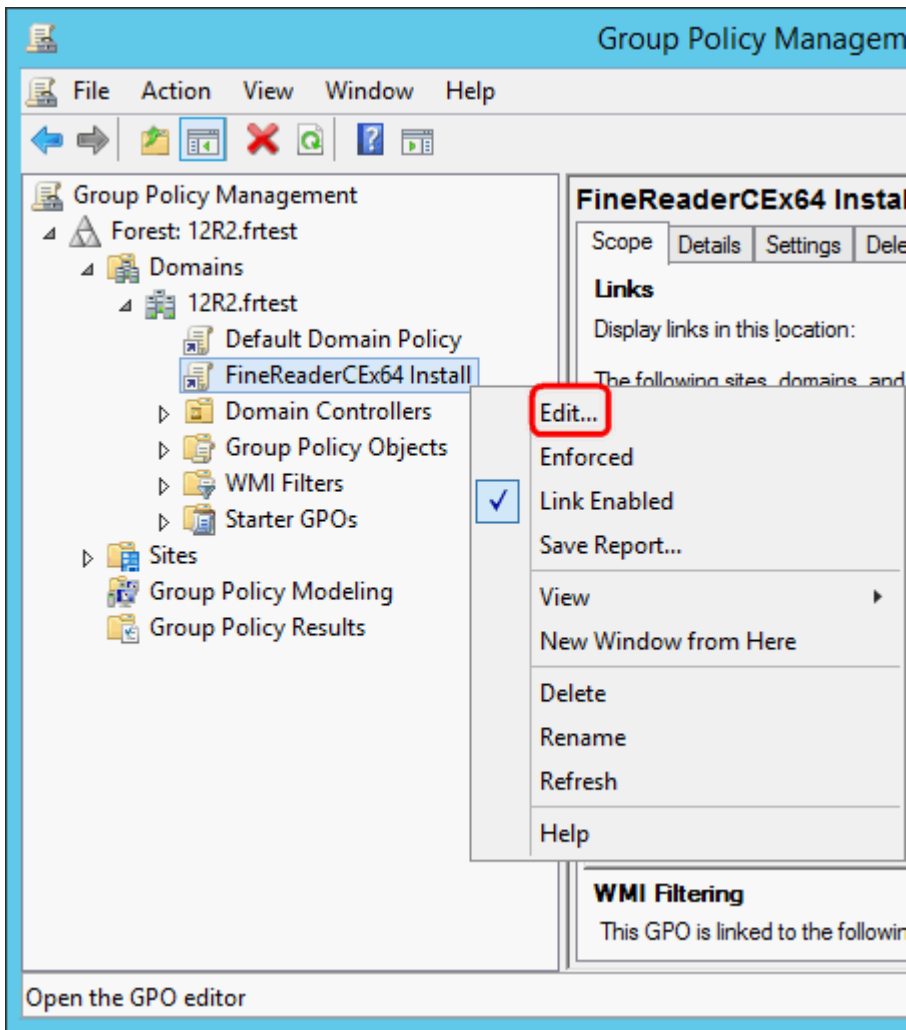
5. Escriba un nombre descriptivo y haga clic en **OK (Aceptar)**.



6. Haga clic en el botón **Add... (Añadir...)** en el grupo **Security Filtering (Filtrado de seguridad)** y especifique los grupos que contienen los equipos donde desee instalar ABBYY FineReader PDF 15.

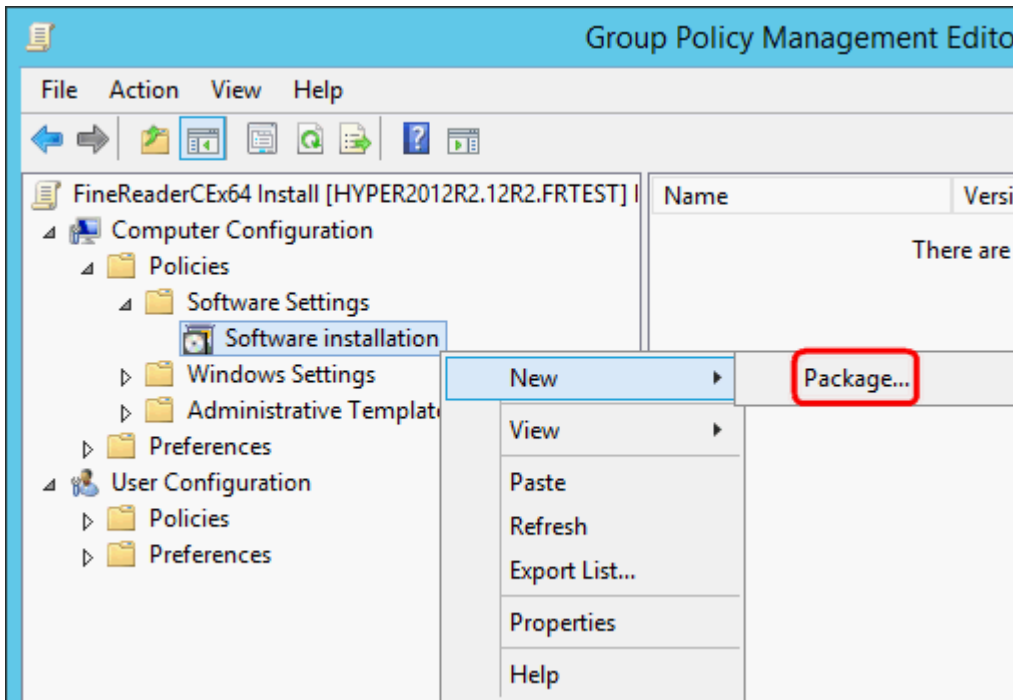


- Haga clic con el botón derecho en el objeto de directiva de grupo (GPO) que ha creado y seleccione **Edit... (Editar...)** en el menú contextual.



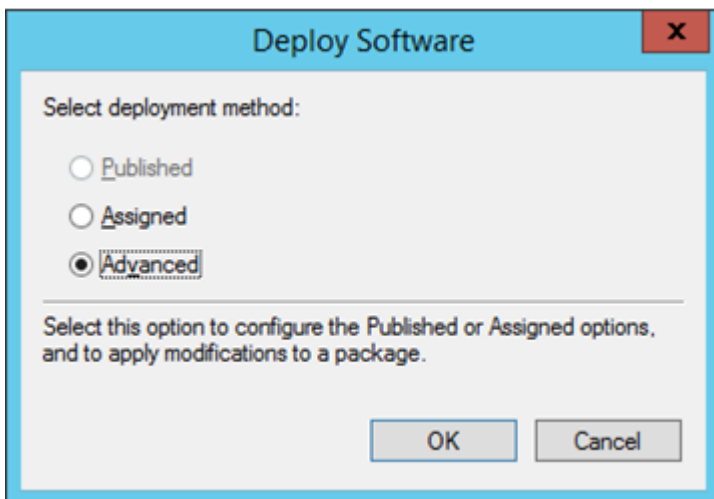
- En el cuadro de diálogo **Group Policy Management Editor (Editor de administración de directivas de grupo)**, haga clic en **Computer Configuration > Políticas > Software Settings > Software Installation (Configuración del equipo > Directivas > Configuración de software > Instalación de software)**.

9. Haga clic en **New > Package...** (**Nuevo > Paquete...**) en el menú contextual.

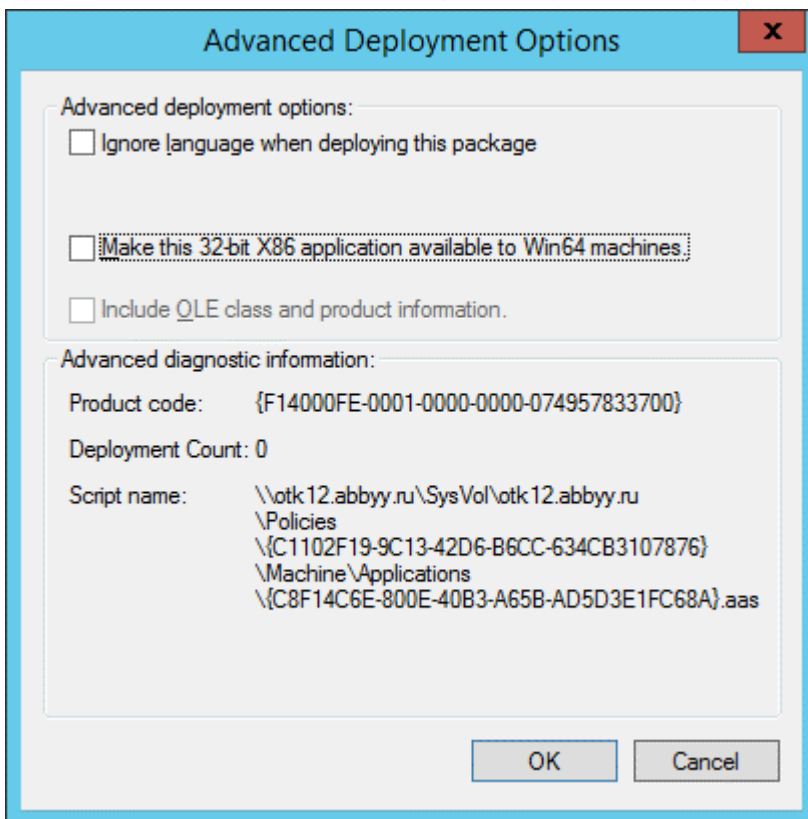


10. Especifique la ruta de red de acceso al archivo **ABBYY FineReader 15.msi** (cuando se instale en sistemas de 32 bits) o al archivo **ABBYY FineReader 15 x64.msi** (cuando se instale en sistemas de 64 bits). Estos archivos se encuentran en la carpeta de distribución de ABBYY FineReader PDF 15 del servidor.

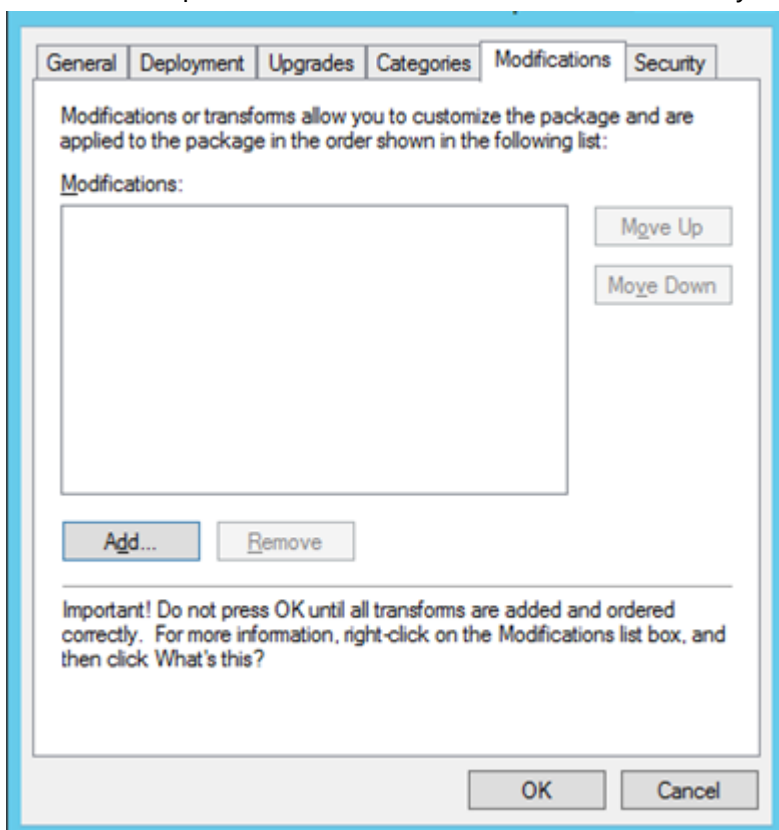
11. Seleccione el método de implementación **Advanced** (Avanzado).



12. Se abrirá un cuadro de diálogo. Si va a instalar la versión de 32 bits, haga clic en el botón **Advanced** (Opciones avanzadas) de la pestaña **Deployment** (Implementación) y asegúrese de que la opción **Make this 32-bit X86 application available to Win64 machines** (Hacer que esta aplicación x86 de 32 bits esté disponible para los equipos de Win64) está deshabilitada.



13. Seleccione la pestaña **Modifications (Modificaciones)** y haga clic en **Add... (Añadir...)**



14. Seleccione el archivo del idioma de interfaz deseado para ABBYY FineReader PDF 15. Los archivos de idioma se encuentran en la carpeta de instalación administrativa del servidor.

Nombres de archivo e idiomas:

- 1026.mst Búlgaro
- 1028.mst Chino (tradicional)
- 1029.mst Checo
- 1030.mst Danés
- 1031.mst Alemán
- 1032.mst Griego
- 1033.mst Inglés
- 1034.mst Español
- 1036.mst Francés
- 1038.mst Húngaro
- 1040.mst Italiano
- 1041.mst Japonés
- 1042.mst Coreano
- 1043.mst Neerlandés
- 1045.mst Polaco
- 1046.mst Portugués (Brasil)
- 1049.mst Ruso
- 1051.mst Eslovaco
- 1053.mst Sueco
- 1055.mst Turco
- 1058.mst Ucraniano
- 1066.mst Vietnamita
- 2052.mst Chino (simplificado)

Ejemplo: para instalar ABBYY FineReader con la interfaz en ruso, seleccione **1049.mst**.

Utilización de Microsoft System Center Configuration Manager (SCCM)

Microsoft System Center Configuration Manager le permite que la implementación remota de un programa en una red corporativa se lleve a cabo de un modo tan automatizado como sea posible.

La implementación de software mediante SCCM consta de tres fases:

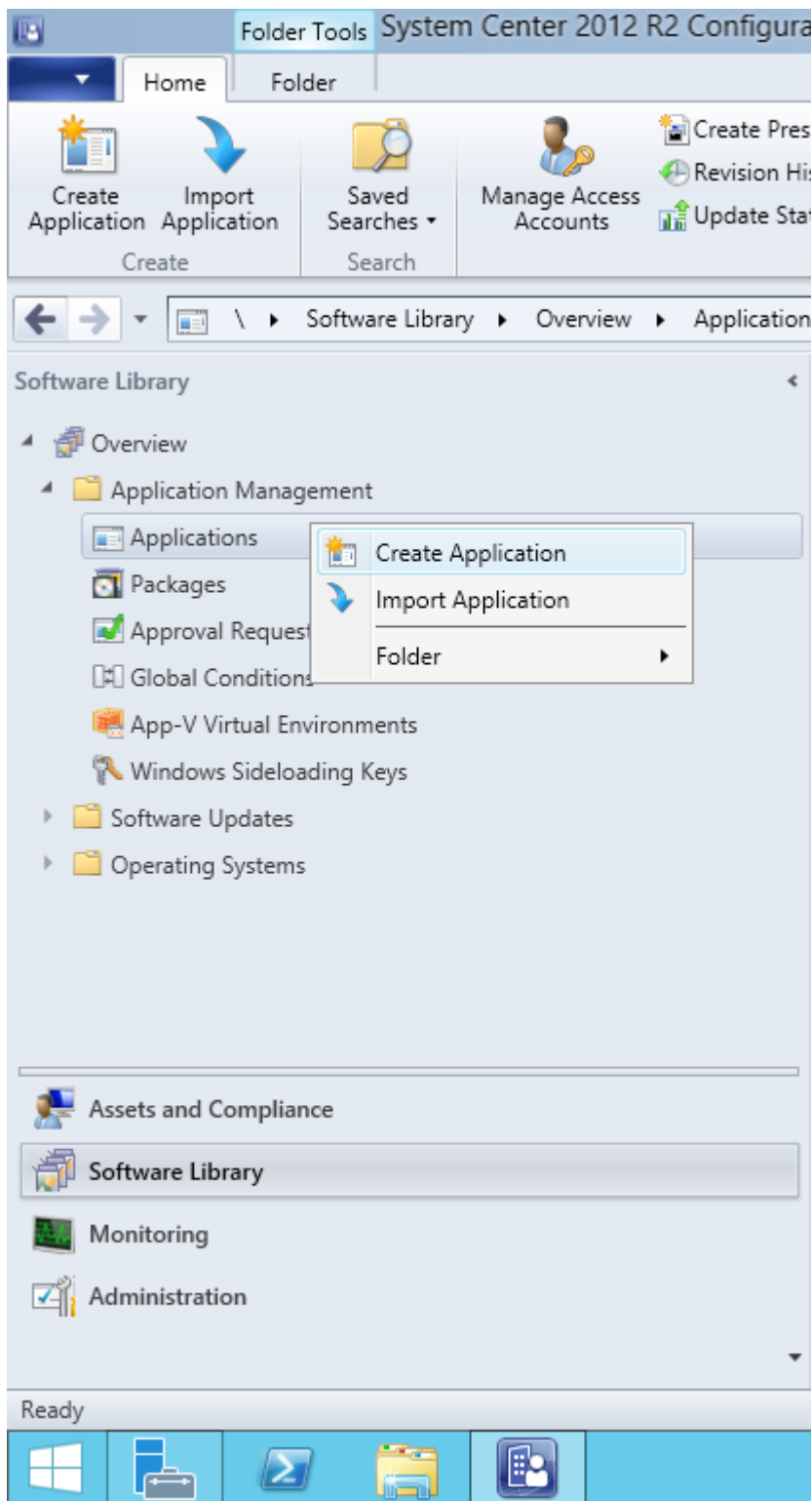
1. Preparación de ABBYY FineReader PDF 15 para la instalación automatizada (creación de la llamada «instalación sin supervisión»)
2. Creación de un script de implementación, es decir, elegir los parámetros de instalación:
 - nombres de equipos
 - tiempo de instalación
 - condiciones para la instalación
3. Instalación del software en los equipos especificados por SCCM de acuerdo con los parámetros de instalación que se determinan en el script.

Ejemplo: implementación de ABBYY FineReader PDF 15 mediante SCCM

En este ejemplo se ilustra el proceso de implementación en Microsoft Windows Server 2012.

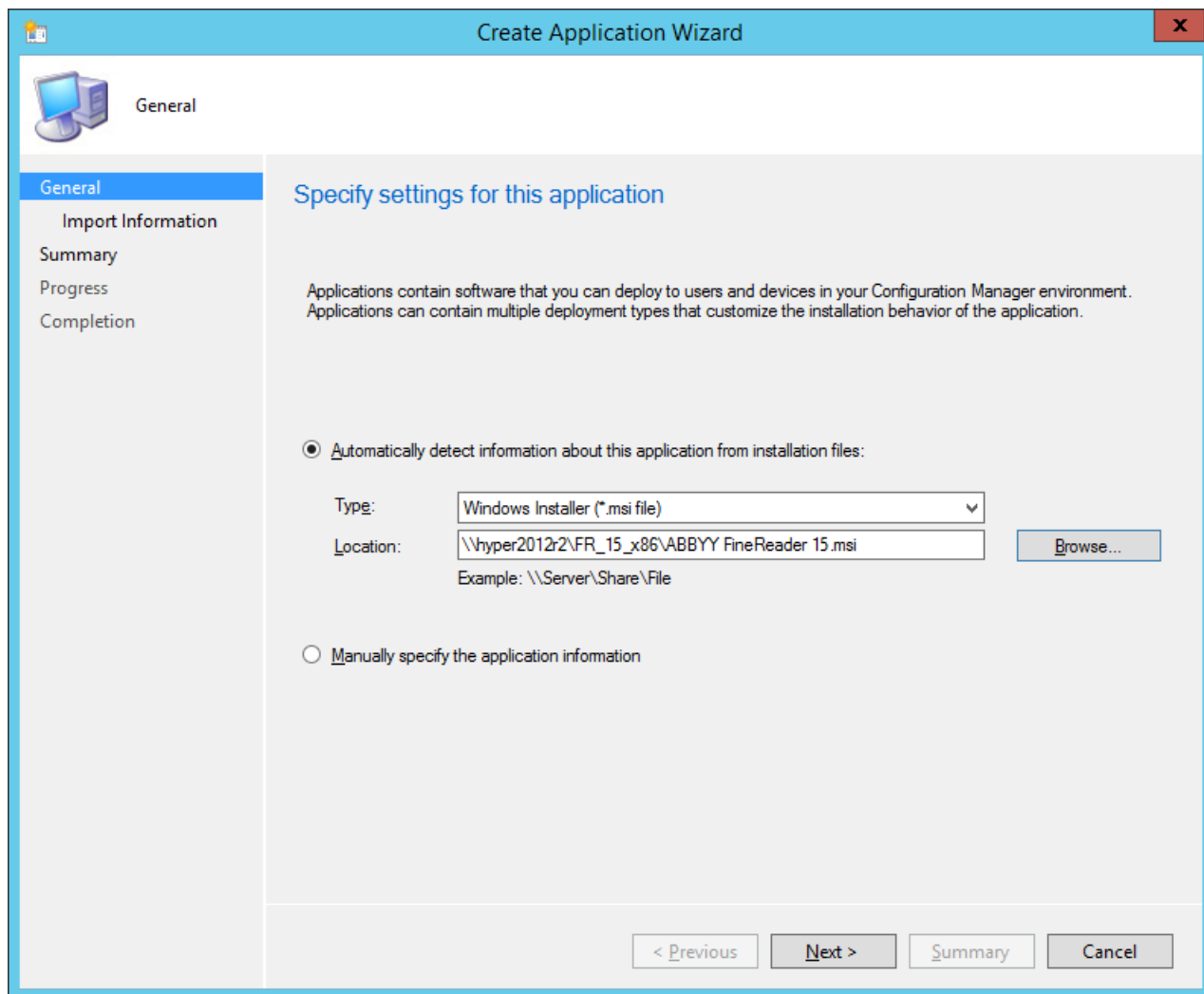
1. Cree un punto de instalación administrativa (consulte [Instalación de administración con License Server y License Manager](#)^[10]) o un punto de instalación administrativa multiusuario (consulte [Creación de un punto de instalación administrativa multiusuario](#)^[17]).
2. Inicie **SCCM Administrator Console** (Consola de administrador de SCCM) y seleccione la sección **Software Library** (Biblioteca de software).
3. Seleccione el elemento **Applications (Aplicaciones)** del grupo **Application Management (Administración de aplicaciones)**.

- Haga clic con el botón derecho en el elemento **Applications** (Aplicaciones) y seleccione **Create Application** (Crear aplicación) en el menú contextual.

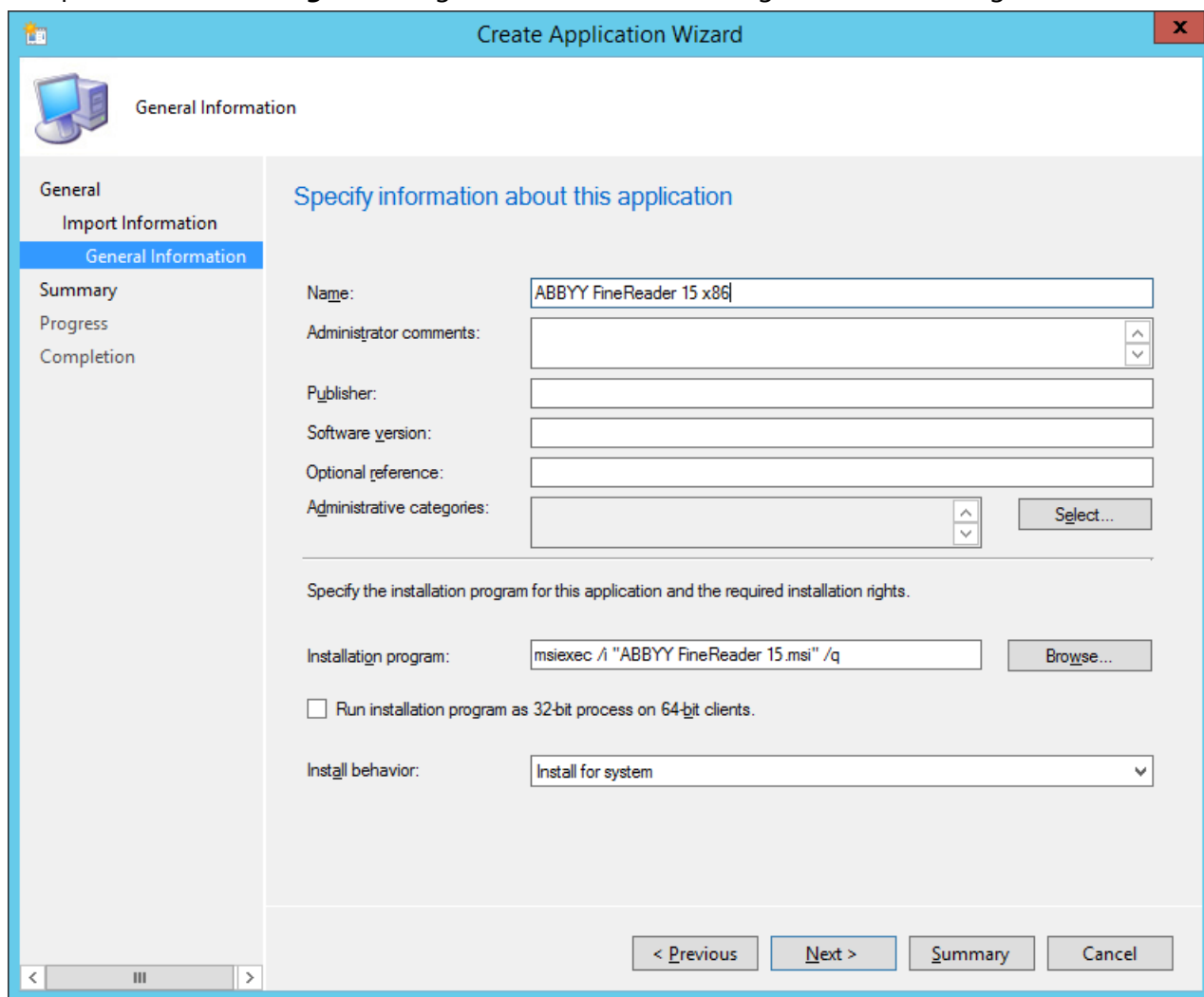


- En el cuadro de diálogo **Create Application Wizard (Asistente de creación de aplicaciones)**, seleccione **Automatically Detect information about this application from installation files (Buscar automáticamente la información sobre esta aplicación en los archivos de instalación)**. Seleccione **Windows Installer (archivo *.msi)** en la lista desplegable **Type (Tipo)**. Especifique la ruta de acceso al punto de instalación administrativa en el cuadro **Location (Ubicación)** y haga clic en **Next (Siguiete)**.

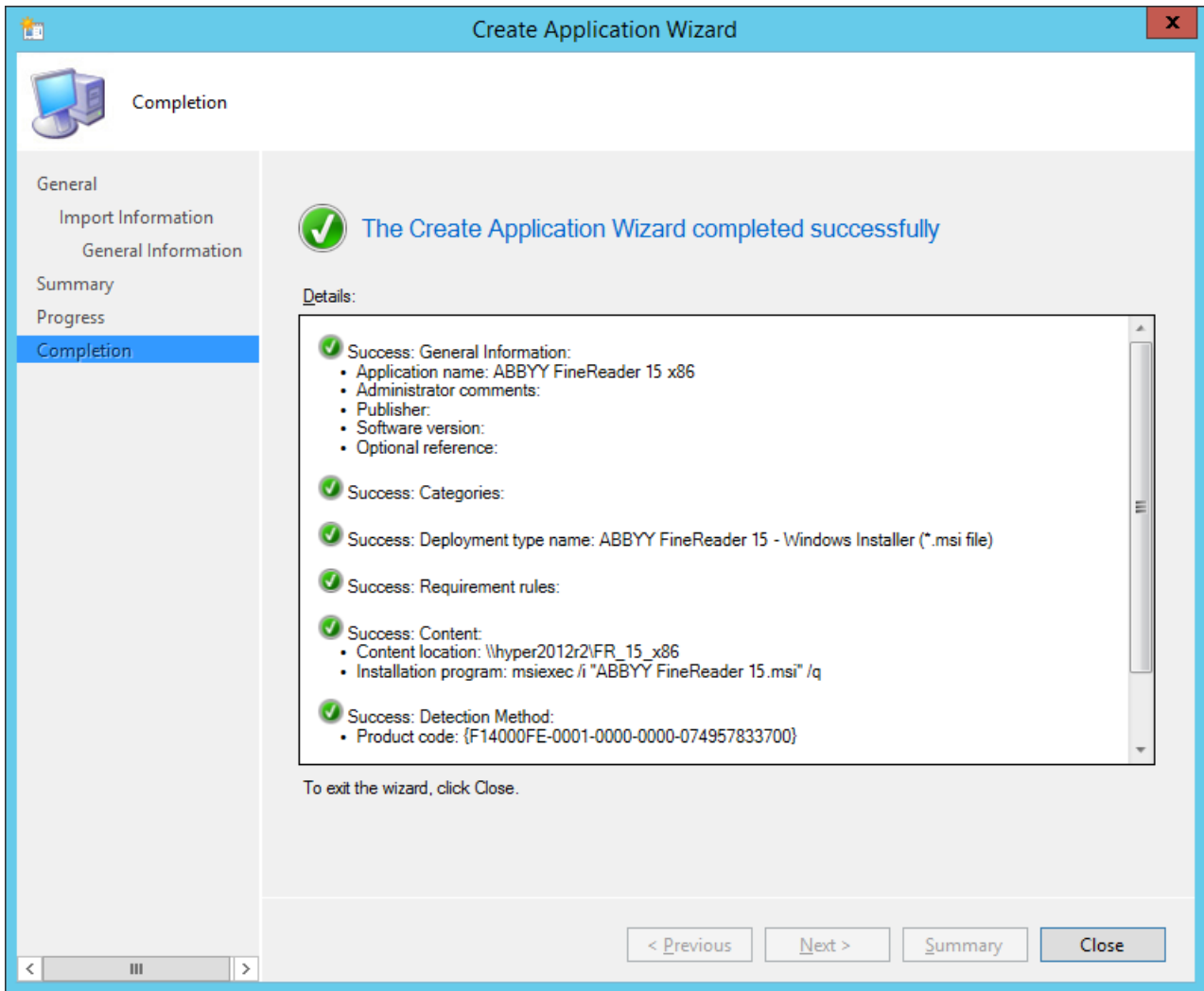
Nota: La versión de 32 bits de ABBYY FineReader PDF 15 no se puede instalar en un sistema de 64 bits. Lo mismo sucede con la versión de 64 bits en sistemas de 32 bits.

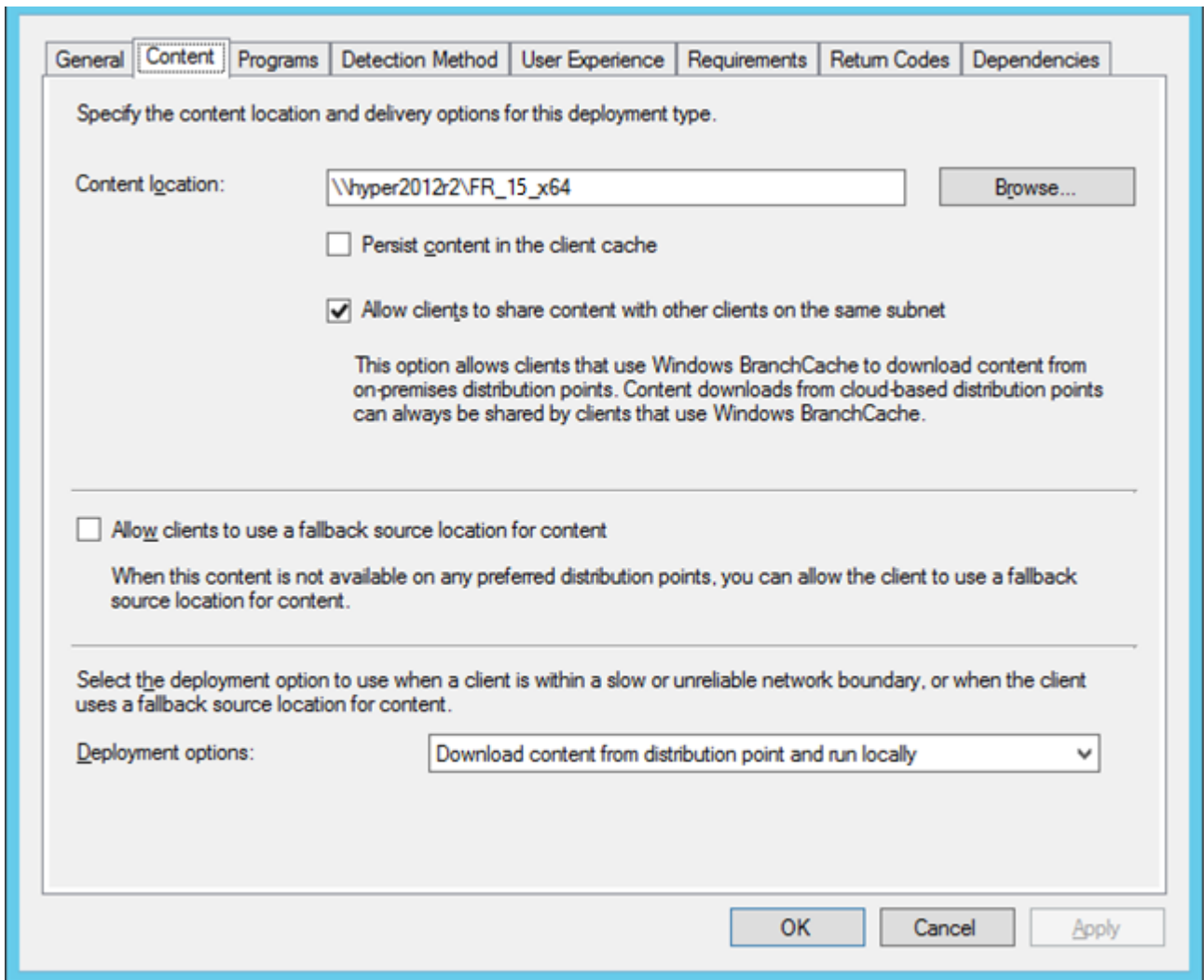


6. Especifique la información requerida sobre ABBYY FineReader PDF 15. No realice cambios en el campo **Installation Program** (Programa de instalación). Haga clic en **Next** (Siguiente).



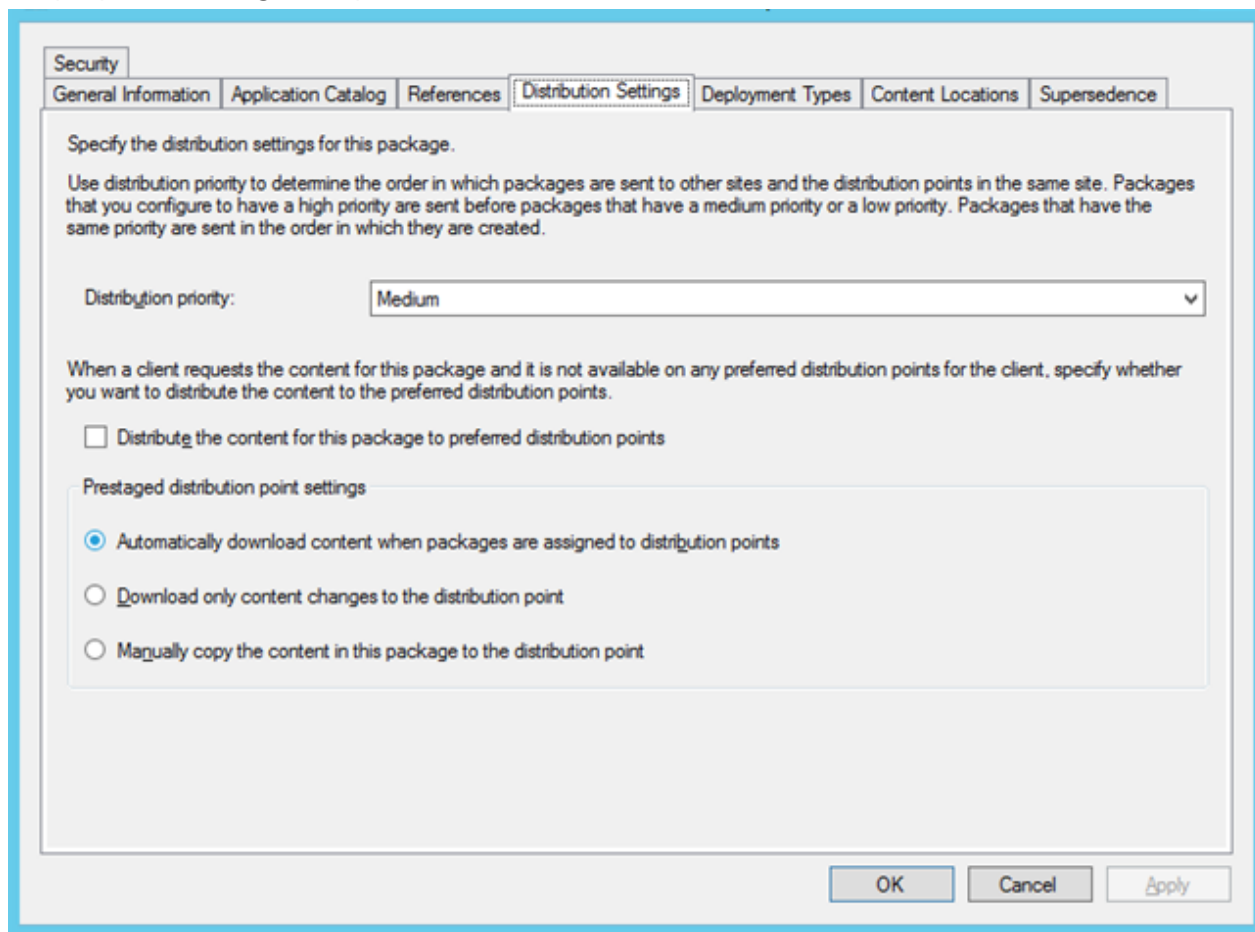
7. Compruebe que la aplicación se haya creado correctamente y cierre el asistente.





8. Para subir automáticamente archivos de instalación a estaciones de trabajo:
 - a. Haga clic con el botón derecho en la aplicación que ha creado y seleccione **Properties** (Propiedades) en el menú contextual.

- b. En el cuadro de diálogo que se abre, seleccione la pestaña **Distribution Settings** (Configuración de distribución) y habilite la opción **Automatically download content when packages are assigned to distribution points** (Descargar automáticamente contenido cuando los paquetes se asignen a puntos de distribución).



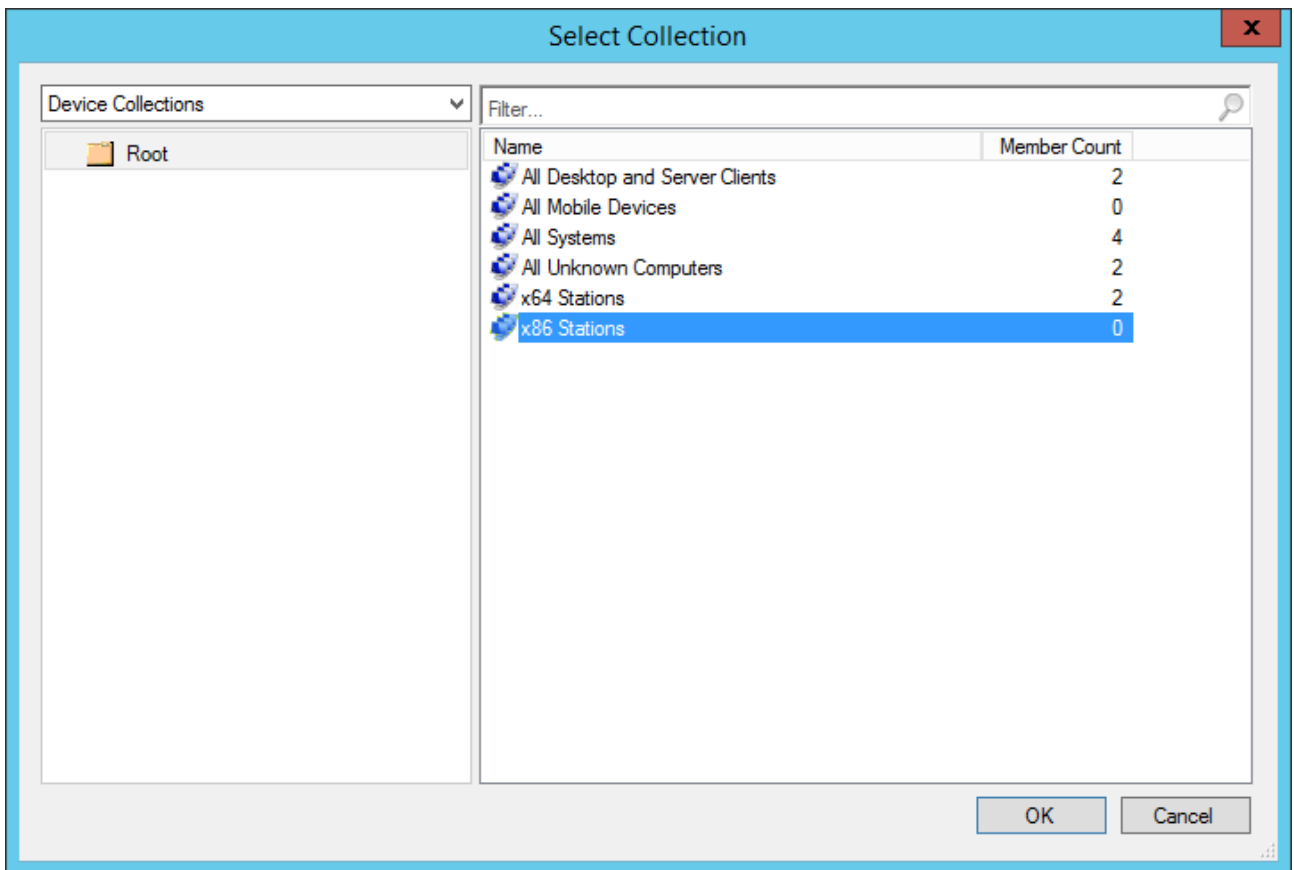
9. **Configuración recomendada:**

En la pestaña **Deployment Types** (Tipos de implementación), seleccione Windows Installer de ABBYY FineReader 15 y haga clic en **Edit** (Editar). En el cuadro de diálogo de propiedades, seleccione la pestaña **Content** (Contenido) y establezca **Deployment options** (Opciones de implementación) en **Download content from distribution point and run locally** (Descargar contenido desde el punto de distribución y ejecutar localmente).

10. Para implementar la aplicación en estaciones de trabajo, haga clic con el botón derecho en ella y seleccione **Implement** (Implementar) en el menú contextual. Seleccione la colección de dispositivo deseada en **Collection** (Colección).

Nota: No se admiten instalaciones de **User Collection** (Colección de usuario).

11. Complete el resto del proceso de implementación como de costumbre.



Instalación de ABBYY FineReader PDF 15 en un Terminal Server

Instalación

La implementación de ABBYY FineReader PDF 15 se ha probado en Citrix Workspace App 1808 y versiones posteriores, y en Windows Server 2008 R2 y versiones posteriores con Servicios de escritorio remoto de Windows 7.0. (La configuración se ha realizado usando Windows RemoteApp y Citrix Workspace App). Ambas soluciones se pueden usar con cualquier versión de ABBYY FineReader PDF 15.

ABBYY FineReader PDF 15 no es compatible con transmisión de aplicaciones.

Para las licencias **Simultáneas** y de **Usuario remoto**:

1. Realice una instalación administrativa.

License Server y License Manager se pueden instalar en cualquier equipo de la red de área local.

Importante: Se debe implementar un servidor de licencias en todos los equipos locales que ejecuten ABBYY FineReader PDF 15 en todas las ocasiones.

Nota: License Server se puede instalar en el Terminal Server.

Consulte [Instalación de administración con License Server y License Manager](#) ^[10] para obtener más información.

2. Inicie License Manager.
3. Añada todas sus licencias en License Manager.
4. Instale ABBYY FineReader PDF 15 desde la carpeta de instalación de administración en el servidor de la terminal.

ABBYY FineReader se instalará en el Terminal Server como si fuera una estación de trabajo. Los usuarios se podrán conectar al servidor y usar FineReader a través de un cliente.

Nota. Si se ha instalado ABBYY Screenshot Reader en un servidor de terminal y se ha accedido a él a través de Windows RemoteApp o Citrix Workspace App, los usuarios solo podrán hacer capturas de pantalla en aplicaciones que se estén ejecutando en el servidor de terminal.

Especificaciones de licencia simultánea y de usuario remoto

El número de conexiones simultáneas estará limitado por los parámetros de licencia.

Nota. Si un usuario inicia ABBYY Hot Folder u otra aplicación en paquete sin iniciar FineReader, se le seguirá asignando una licencia **simultánea / Usuario remoto**. Lo anterior no se aplica a ABBYY Screenshot Reader, puesto que no necesita que se ejecute ninguna licencia **Simultánea/de Usuario remoto**.

Requisitos del sistema del servidor de terminal

ABBYY FineReader PDF 15 se ha probado con las siguientes configuraciones de terminal:

1. Un ordenador que ejecuta Microsoft Windows Server 2019, 2016, 2012 R2, 2008 R2 SP1 (Remote Desktop, RemoteApp y Remote Desktop Web Access)
2. Citrix Workspace App 1808

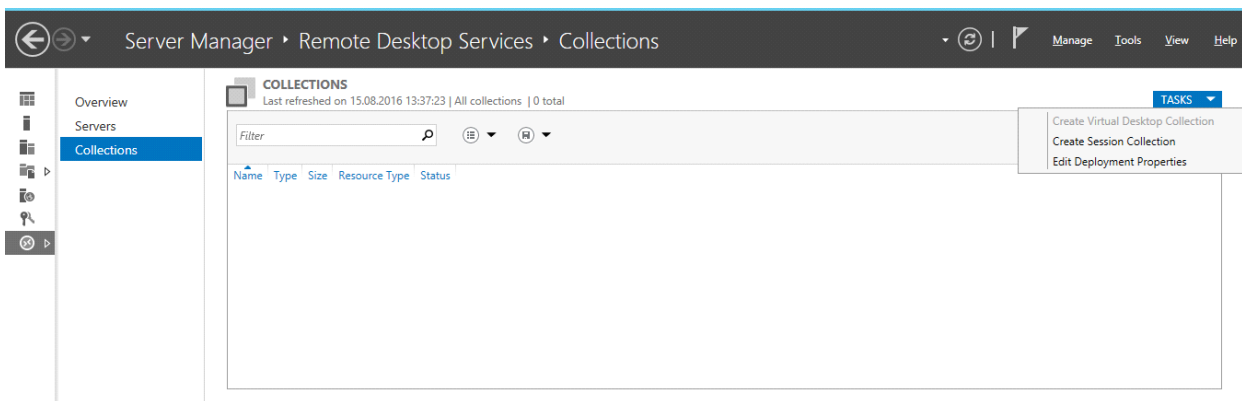
Configuración de Windows RemoteApp

ABBYY FineReader PDF 15 se puede implementar mediante RemoteApp. A continuación figuran las instrucciones para configurar RemoteApp en Microsoft Windows Server 2012 R2.

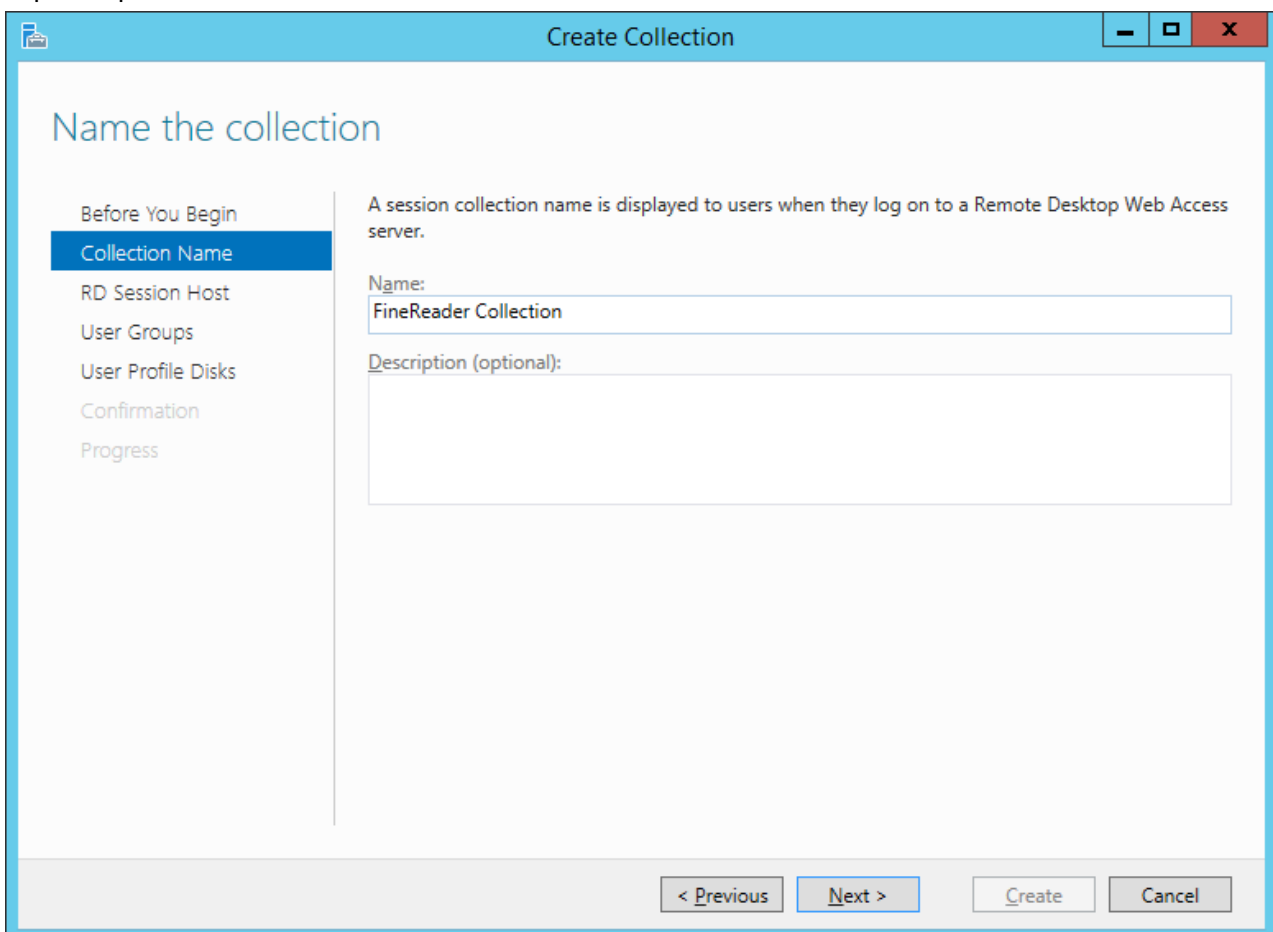
Instale ABBYY FineReader PDF 15 en el servidor.

Cree una colección de sesiones:

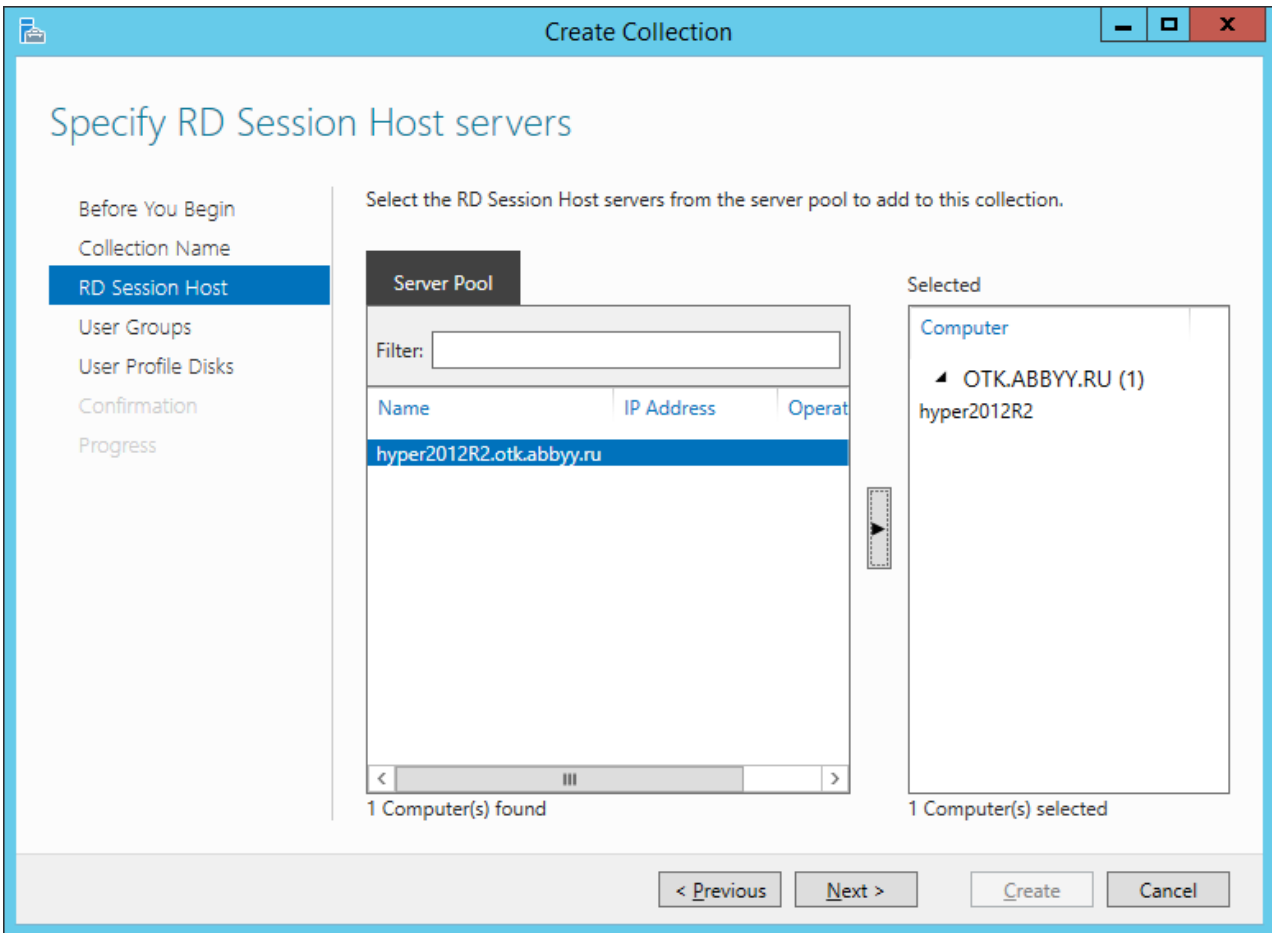
1. Abra **Server Manager** (Administrador de servidores) y haga clic en **Remote Desktop Services > Collections** (Servicios de Escritorio remoto > Colecciones).
2. Haga clic en **TASKS > Create Session Collection** (TAREAS > Crear colección de sesiones).



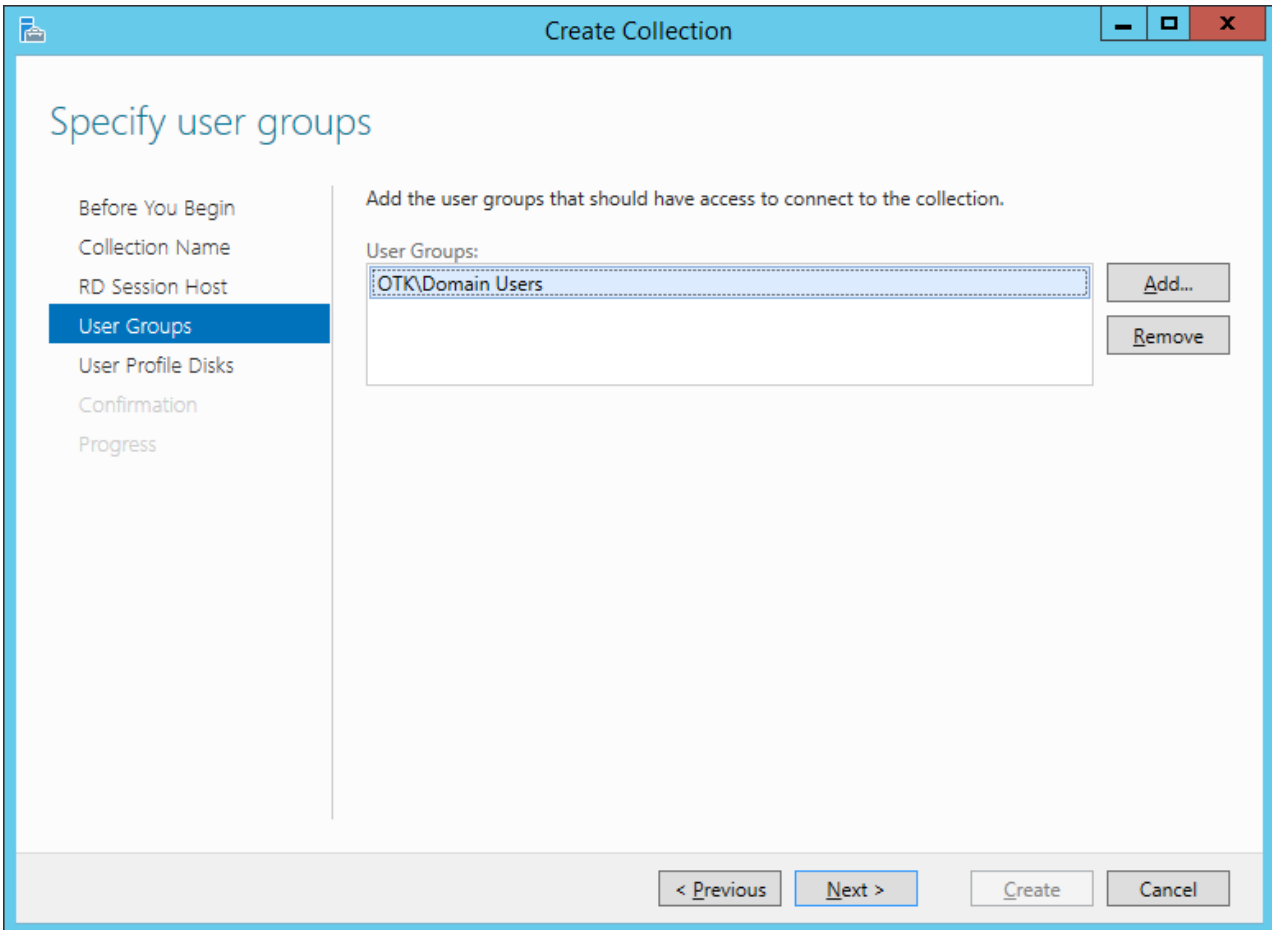
3. Especifique el nombre de la colección.



4. Seleccione los servidores que ejecutarán las aplicaciones.



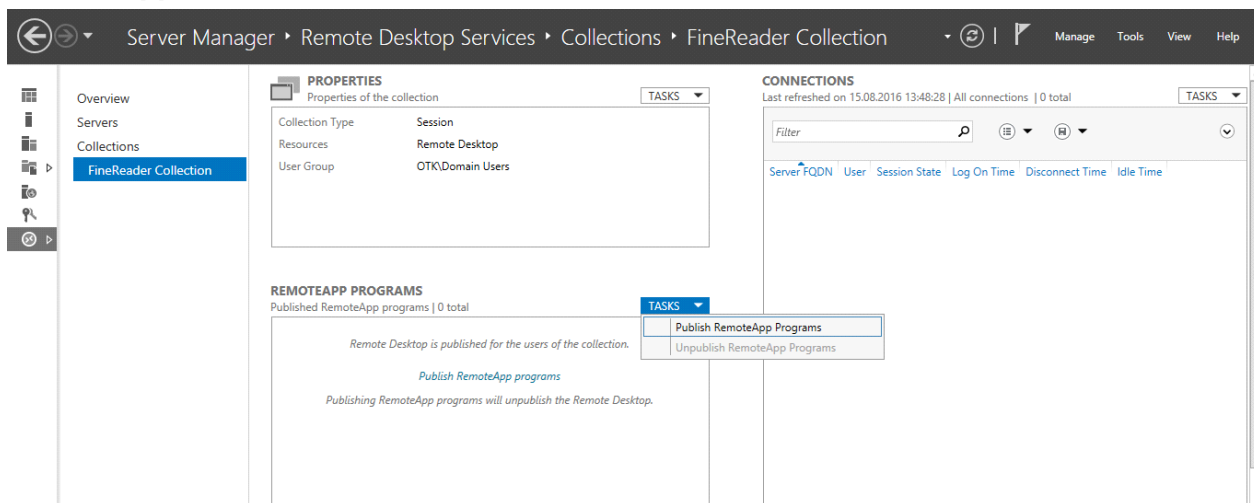
5. Seleccione los grupos que tendrán acceso a las aplicaciones.



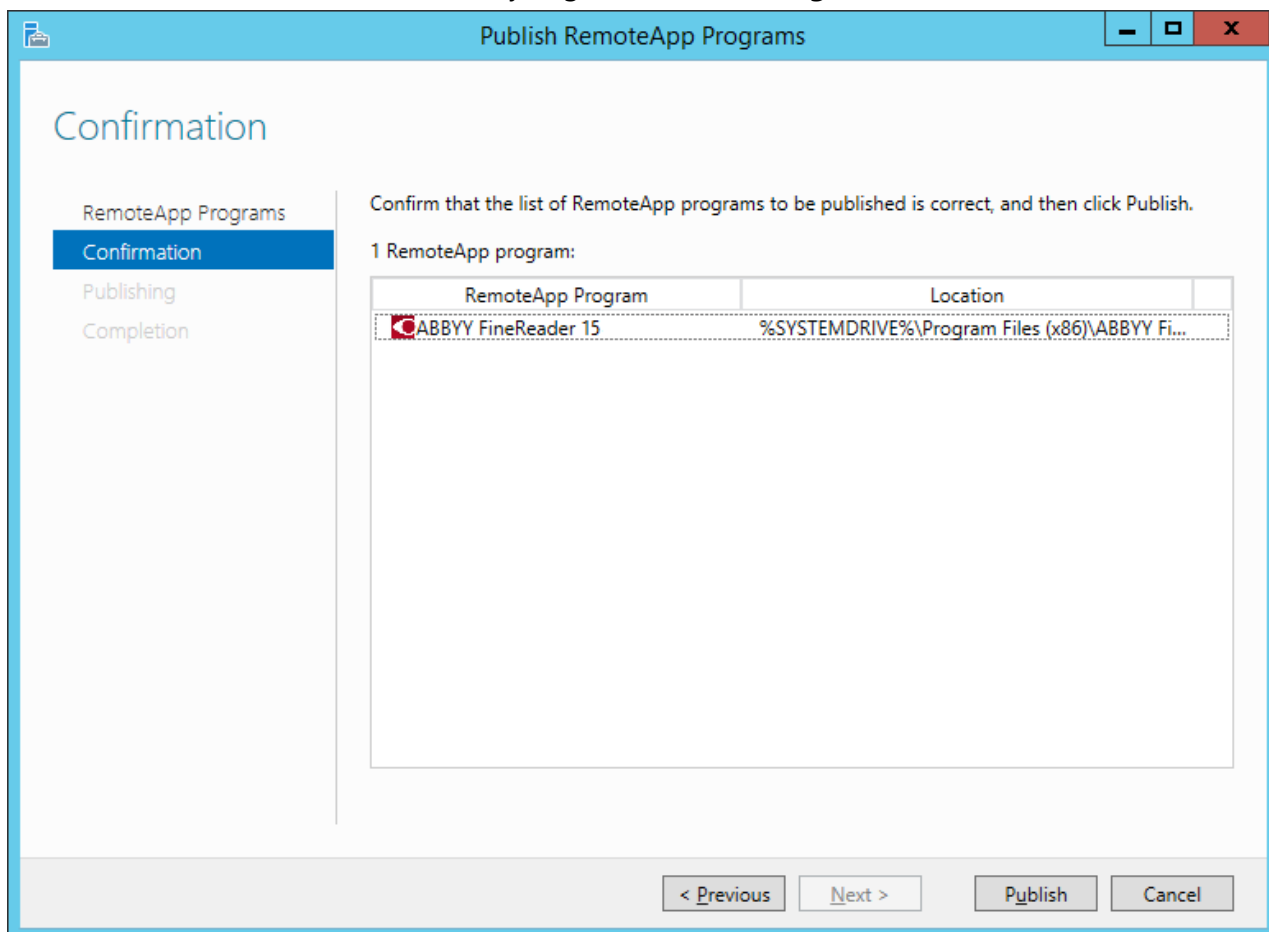
6. Especifique si desea añadir un disco de perfil de usuario.
7. Haga clic en **Create** (Crear).

Añada ABBYY FineReader PDF 15 a la colección:

1. Abra **Server Manager** (Administrador de servidores) y haga clic en **Remote Desktop Services > Collection > [nombre de la colección] (Servicios de Escritorio remoto > Colección > [nombre de la colección])**.
2. Haga clic en **TASKS > Publish RemoteApp Programs (TAREAS > Publicar programas de RemoteApp)**.



3. Seleccione ABBYY FineReader PDF 15 y haga clic en **Next (Siguiente)**.



4. Haga clic en **Publish (Publicar)**.

Configuración de Citrix Workspace App

Cuando implemente ABBYY FineReader PDF 15 mediante Citrix Workspace App, utilice el escenario de aplicación instalada a la que se accede desde un servidor.

Para implementar ABBYY FineReader PDF 15 Corporate:

1. Instale FineReader en todos los servidores del grupo de entrega de la granja Citrix*.
2. Cree un servidor de licencia y añada un número suficiente de licencias.

Nota: Si un usuario inicia ABBYY Hot Folder u otra aplicación en paquete sin iniciar FineReader, se le seguirá asignando una licencia **simultánea / Usuario remoto**. Lo anterior no se aplica a ABBYY Screenshot Reader, pues no necesita que se inicie ninguna licencia **Simultánea o de Usuario remoto**.

* Una granja son varios servidores Citrix que se agrupan para posibilitar una administración centralizada, el equilibrado de la carga y tolerancia a fallos.

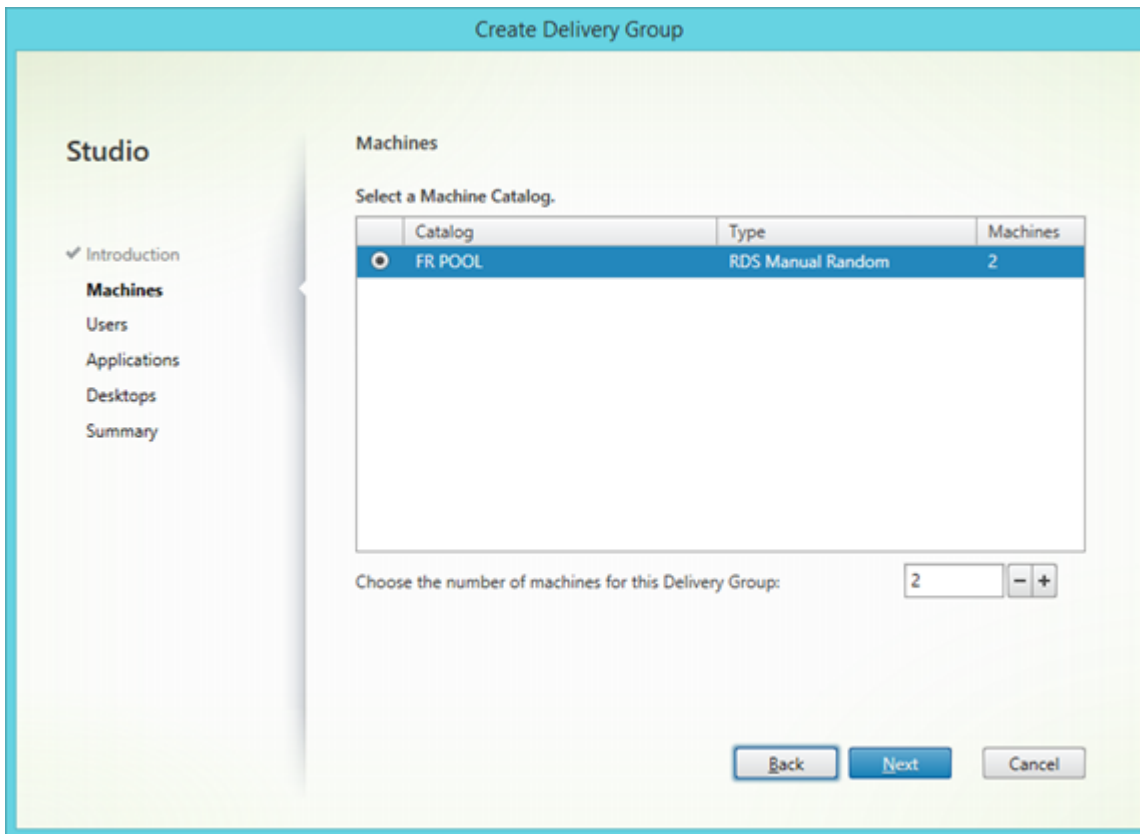
Ejemplo: configuración de Citrix Workspace App 1808

1. Abra Citrix Studio.
2. Seleccione la granja donde desee implementar ABBYY FineReader PDF 15.
3. Cree un grupo de entrega para FineReader o añada FineReader a un grupo ya existente.

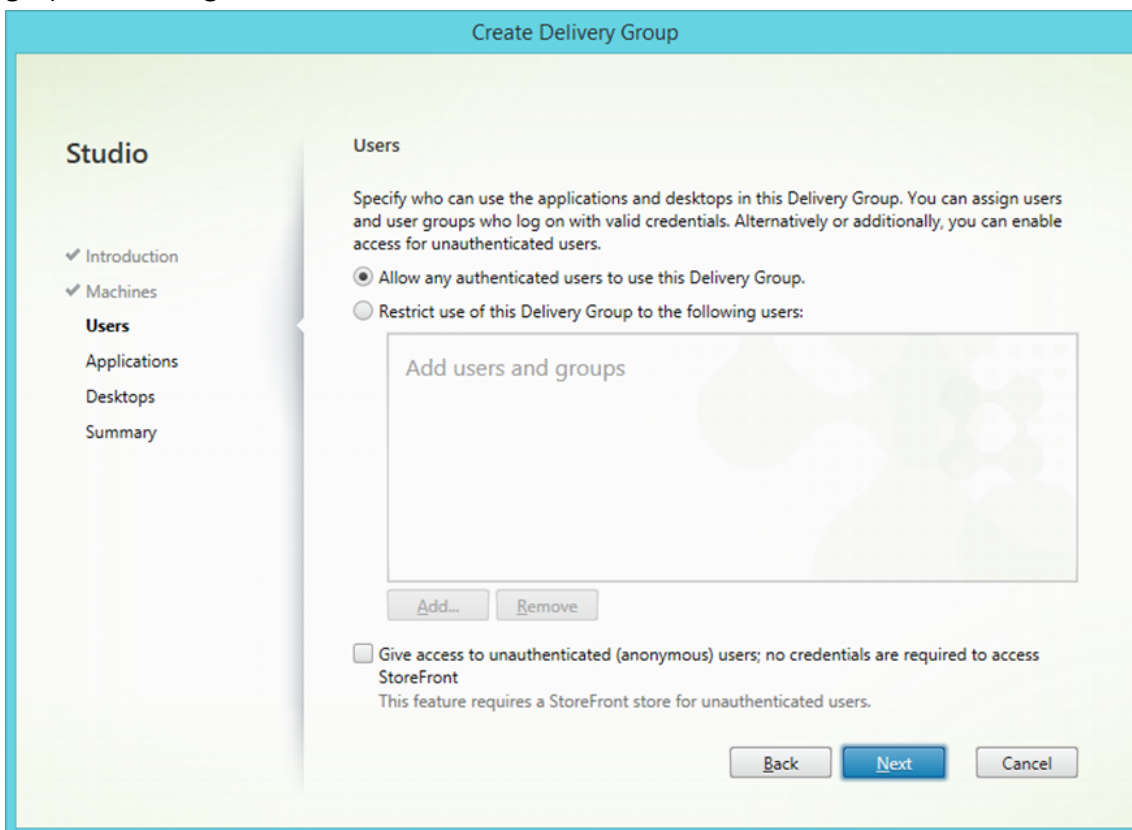
Para crear un grupo de entrega:

1. Haga clic en **Delivery Groups > Create Delivery group (Grupos de entrega > Crear grupo de entrega)**.

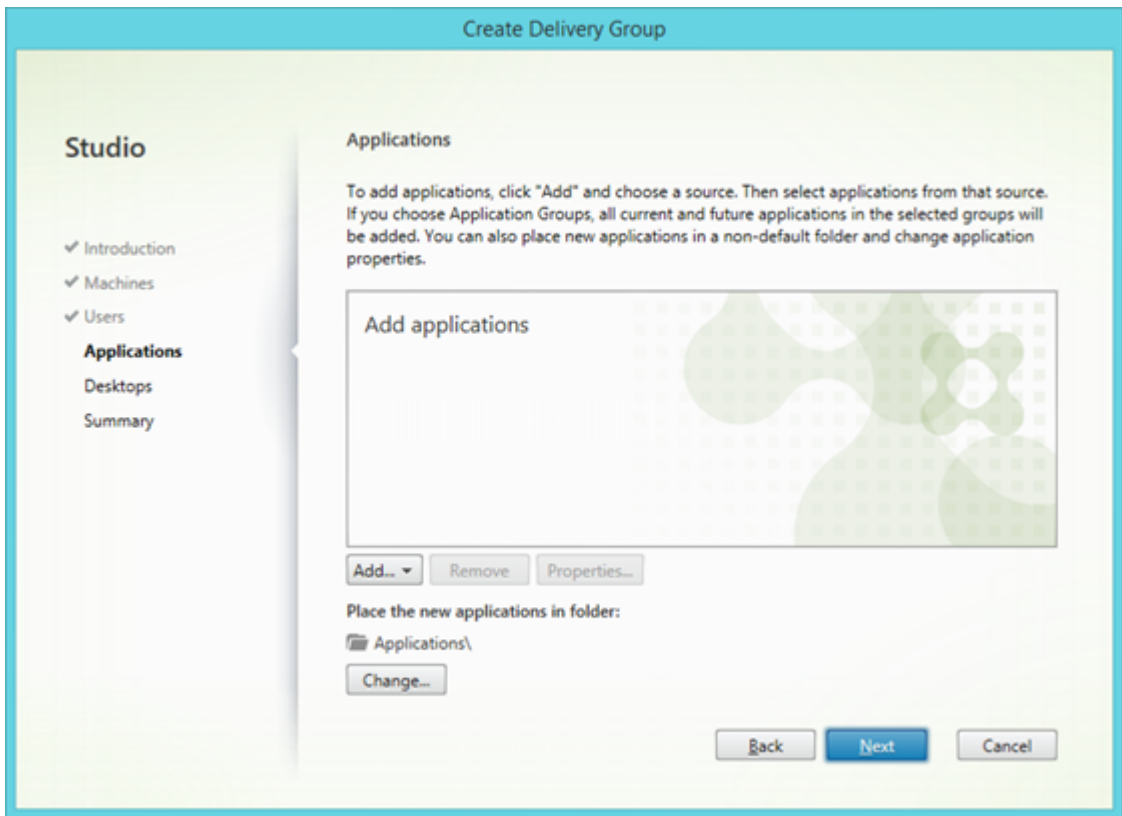
- En el paso **Machines (Máquinas)**, seleccione un catálogo de máquinas de la lista y especifique el número de servidores que desee usar.



- En el paso **Users (Usuarios)**, especifique qué usuarios tendrán acceso al grupo de entrega o limite el grupo de entrega a determinados usuarios.

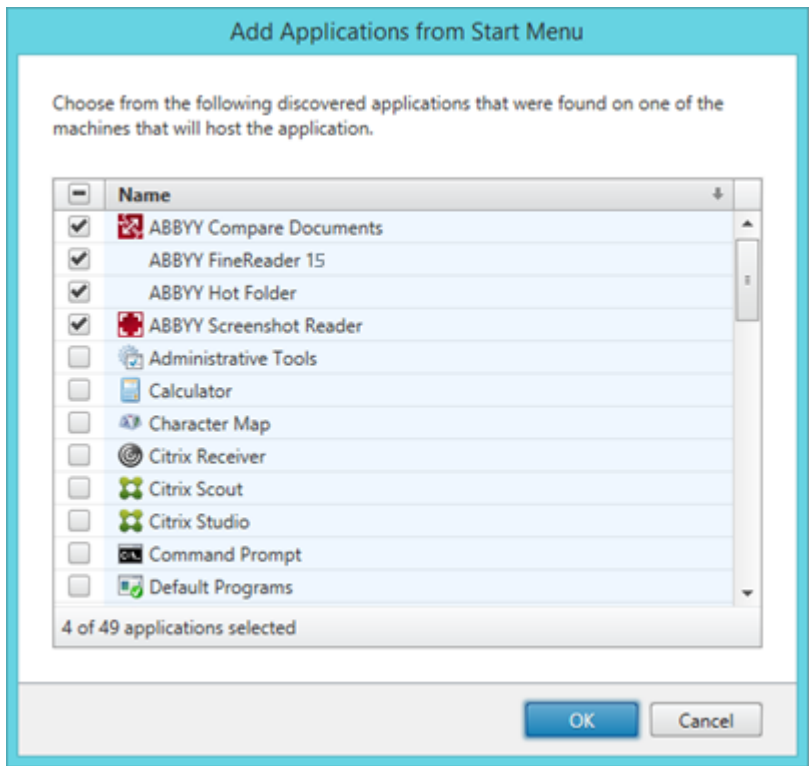


4. En el paso **Applications (Aplicaciones)**, haga clic en **Add... (Añadir...)** y seleccione las aplicaciones que se pueden iniciar en el grupo de entrega:



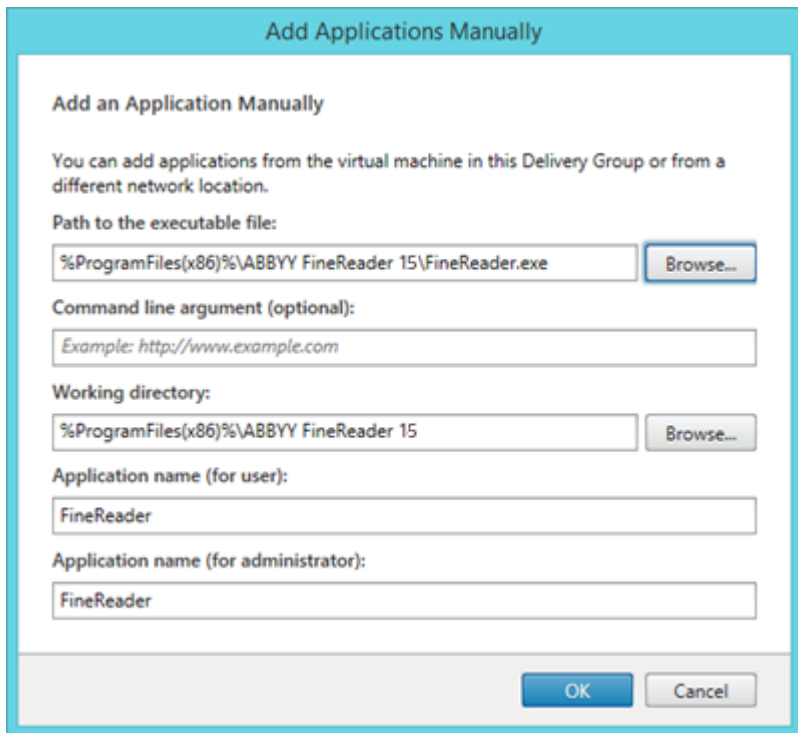
4.1. En el menú de inicio:

Seleccione ABBYY FineReader PDF 15 en la lista. Si desea que los usuarios tengan acceso a las aplicaciones en paquete sin iniciar primero FineReader, seleccione dichas aplicaciones. Haga clic en **OK (Aceptar)**.

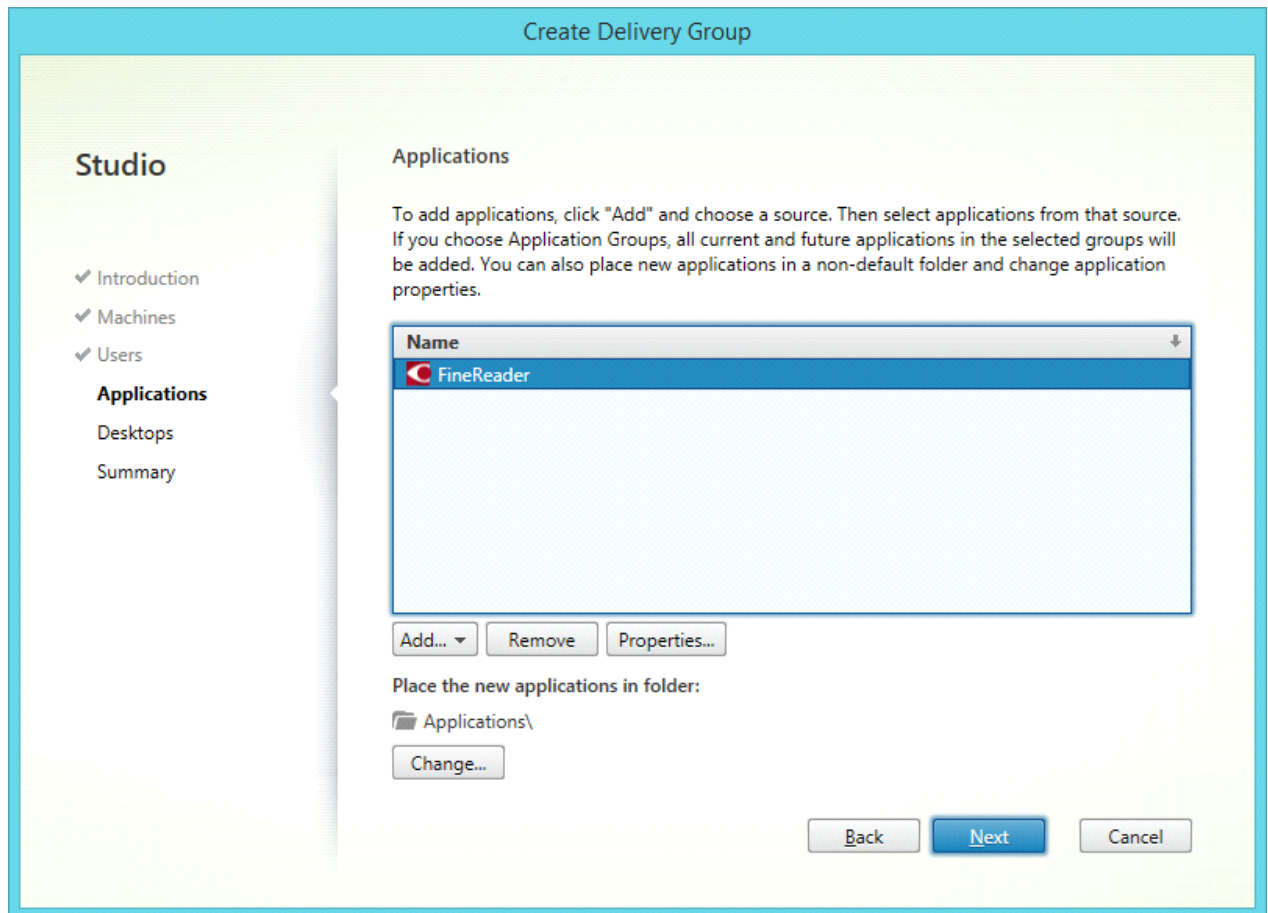


4.2. Manualmente:

Si hay disponibles varios directorios de aplicaciones en los servidores seleccionados, seleccione el directorio con ABBYY FineReader PDF 15 en el cuadro **Working directory (Directorio de trabajo)**. En **Path to the executable file (Ruta de acceso al archivo ejecutable)**, especifique la ruta de acceso a FineReader.exe y, a continuación, un nombre de aplicación para los usuarios y otro para los administradores. Haga clic en **OK (Aceptar)**.

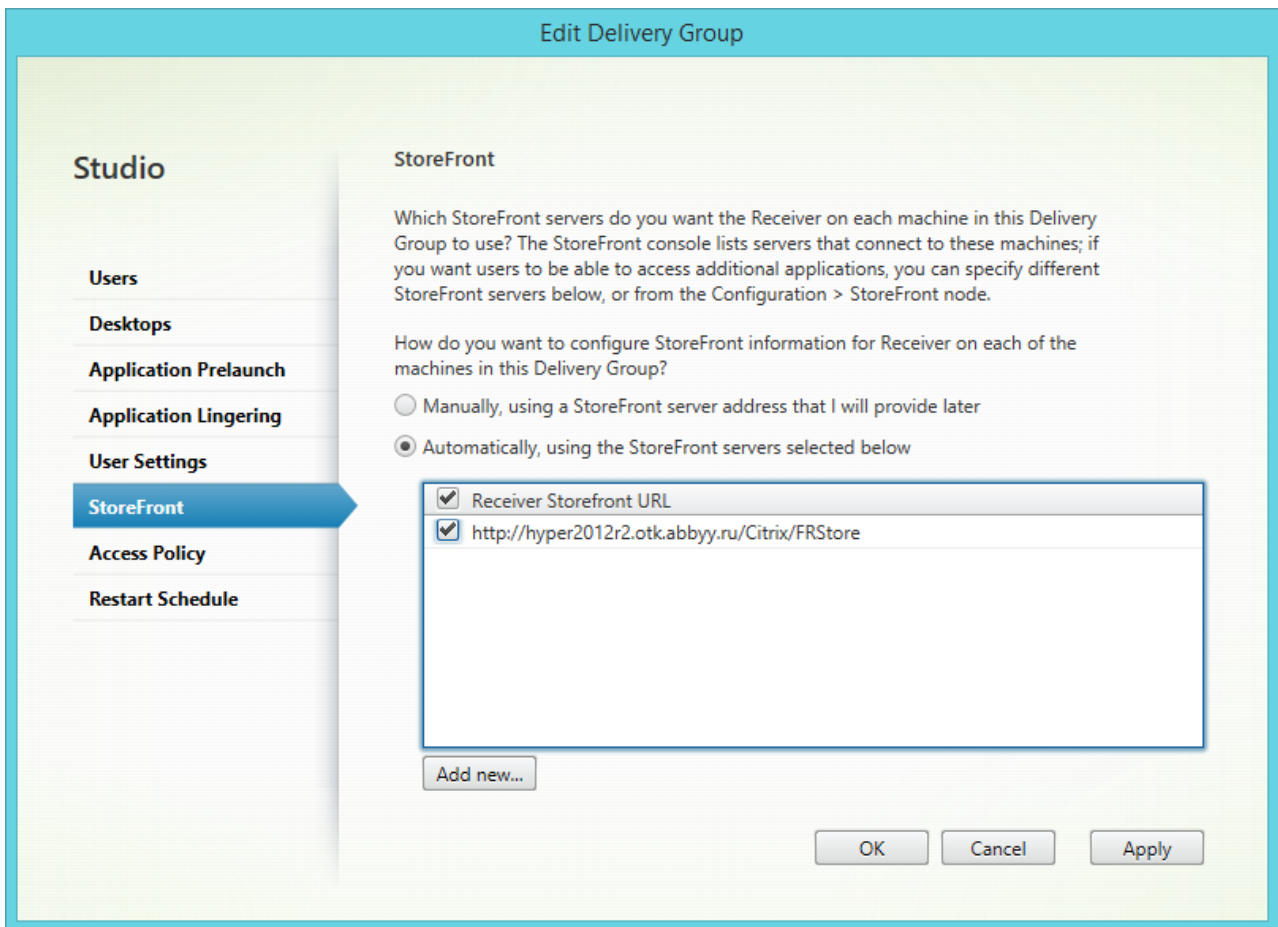


4.3. Añada las aplicaciones que desee que aparezcan en el mismo grupo de entrega que ABBYY FineReader PDF 15 y haga clic en **Next (Siguiente)**.



5. En el paso **Desktops (Escritorios)**, añada los escritorios que proporcionará el grupo de entrega. Si no desea proporcionar acceso a escritorios, omita este paso.
6. En el paso **Summary (Resumen)**, especifique un nombre para el grupo de entrega en **Delivery Group name (Nombre del grupo de entrega)** y una descripción en **Delivery Group description, used as label in Receiver (optional) (Descripción del grupo de entrega, usada como etiqueta en Receiver [opcional])**. Complete el proceso de creación del grupo de entrega.

7. Seleccione el grupo de entrega que acaba de crear y haga clic en **Edit Delivery Group (Editar grupo de entrega)**. En el cuadro de diálogo que se abre, seleccione la pestaña **StoreFront**, habilite la opción **Automatically, using the StoreFront servers selected below** (Automáticamente, usando los servidores StoreFront seleccionados a continuación) y especifique los servidores **StoreFront** del grupo de entrega.



Para añadir ABBYY FineReader PDF 15 a un grupo de entrega existente:

1. Seleccione el grupo de entrega al que desee añadir FineReader y haga clic en **Add Applications (Añadir aplicaciones)**.
2. Añada ABBYY FineReader PDF 15 tal y como se describe en el paso 4⁽⁴⁷⁾ para los nuevos grupos de entrega.

Uso de una directiva de grupo para configurar ABBYY FineReader PDF 15

El administrador puede deshabilitar los elementos y opciones del menú que envíen o descarguen datos por Internet. También puede modificar el comportamiento de ABBYY FineReader PDF 15. Estas son las opciones disponibles:

Enable 'ABBYY Website' menu item – Muestra el elemento del menú **Ayuda > Blog de FineReader PDF**

Enable 'Check for Updates' menu item – Muestra el elemento del menú **Ayuda > Buscar actualizaciones**

Enable 'Send Feedback' menu item – Muestra el elemento del menú **Ayuda > Enviar comentarios**

Enable Usage Statistics – Permite al programa enviar datos anónimos sobre la configuración y las estadísticas de uso de ABBYY FineReader PDF 15 a ABBYY, con miras a mejorar el programa

Enable 'Activate...' menu item – Muestra el elemento del menú **Ayuda > Activar...**

Enable 'Register...' menu item – Muestra el elemento del menú **Ayuda > Registrar...**

Enable loading marketing tips from the ABBYY servers – Permite la descarga de consejos y mensajes de marketing de los servidores de ABBYY

Automatically check for updates – Buscar automáticamente actualizaciones de ABBYY FineReader PDF 15

Accept EULA and Privacy Policy on behalf of all group users – No pida a los usuarios que acepten el CLUF ni la Política de privacidad.

Al utilizar esta directiva de grupo, el administrador acepta el CLUF y la Política de privacidad en nombre de todos los usuarios del grupo.

Atención: A usted no se le pedirá tampoco que acepte los posibles cambios que se realicen en el CLUF ni en la Política de privacidad. El administrador del grupo tiene la responsabilidad de supervisar todas las actualizaciones del producto al instalarlas para comprobar si ha habido cambios. Al usar el producto actualizado, usted acepta la última versión del CLUF y de la Política de privacidad. El administrador de un grupo puede revocar el consentimiento en un plazo de diez días desde la instalación de las últimas actualizaciones desinstalándolas.

Prompt to make ABBYY FineReader 15 the default PDF application – Habilita cuadros de diálogo de confirmación para establecer ABBYY FineReader PDF 15 como visor de PDF predeterminado.

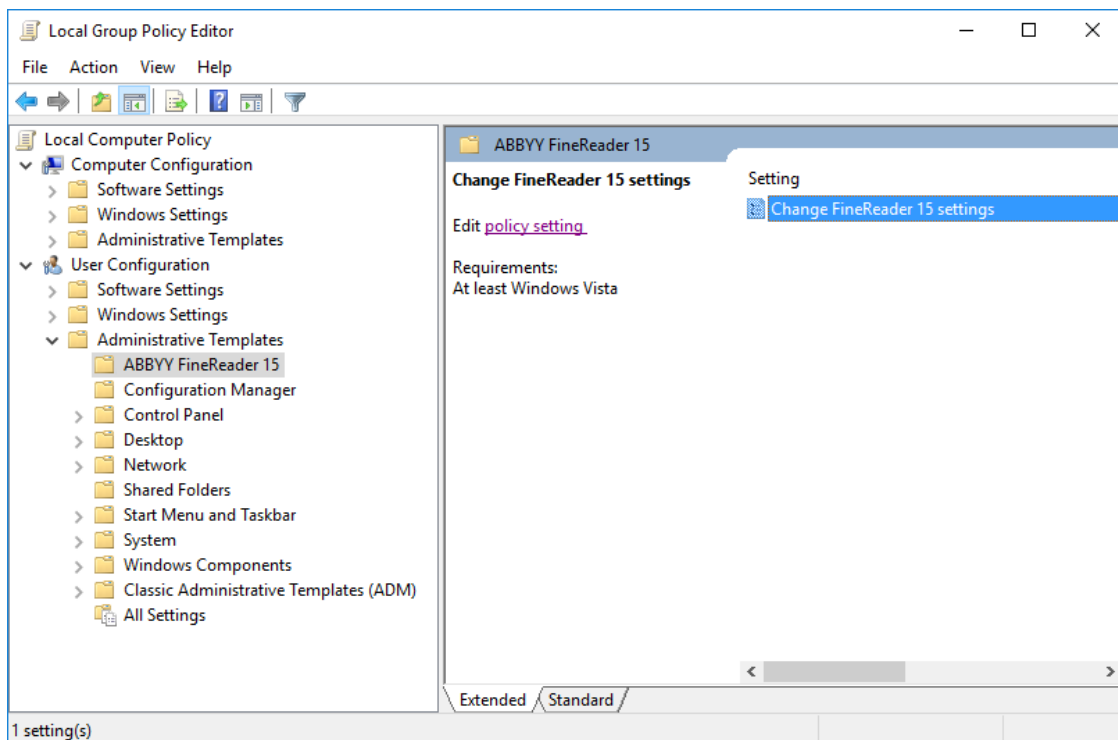
Max number of CPU cores: N – Establece el número máximo de procesadores que puede utilizar ABBYY FineReader PDF 15 (establecer N=0 elimina esta restricción)

Period of inactivity (hrs) after which license will be lost: M – desocupa la licencia **simultánea / de usuario remoto** después de M horas de inactividad del usuario (establecer M=0 deshabilita esta opción)

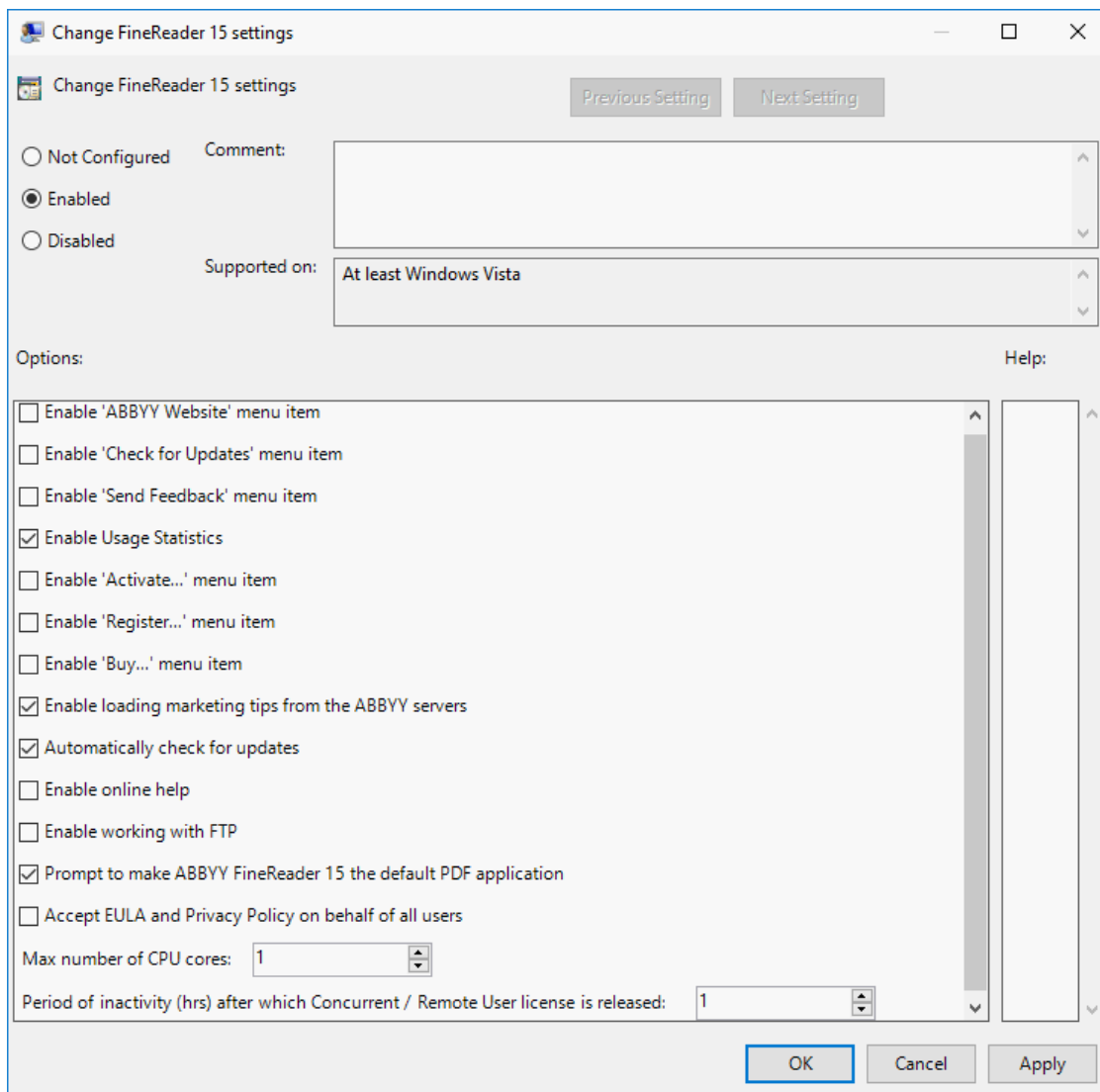
Nota. Para cambiar los parámetros de arriba, descargue los archivos [FineReader15.admx](#) y [FineReader15.adml](#).

Configurar ABBYY FineReader PDF 15 en un equipo local

1. Descargue los archivos [FineReader15.admx](#) y [FineReader15.adml](#).
2. Ponga el archivo **FineReader.admx** en la carpeta **%systemroot%\policyDefinitions** y el archivo **FineReader15.adml** en la carpeta **%systemroot%\policyDefinitions\en-US**.
3. Abra el cuadro de diálogo **Ejecutar** (Win + R) y ejecute **gpedit.msc**.
Se abrirá la ventana **Editor de directiva de grupo local**.
4. Para editar la política de su grupo, seleccione **Configuración de usuario > Plantillas administrativas > ABBYY FineReader PDF 15** y abra la directiva **Cambiar ajustes de FineReader 15**.



5. Marque los parámetros apropiados y haga clic en **Aceptar**.

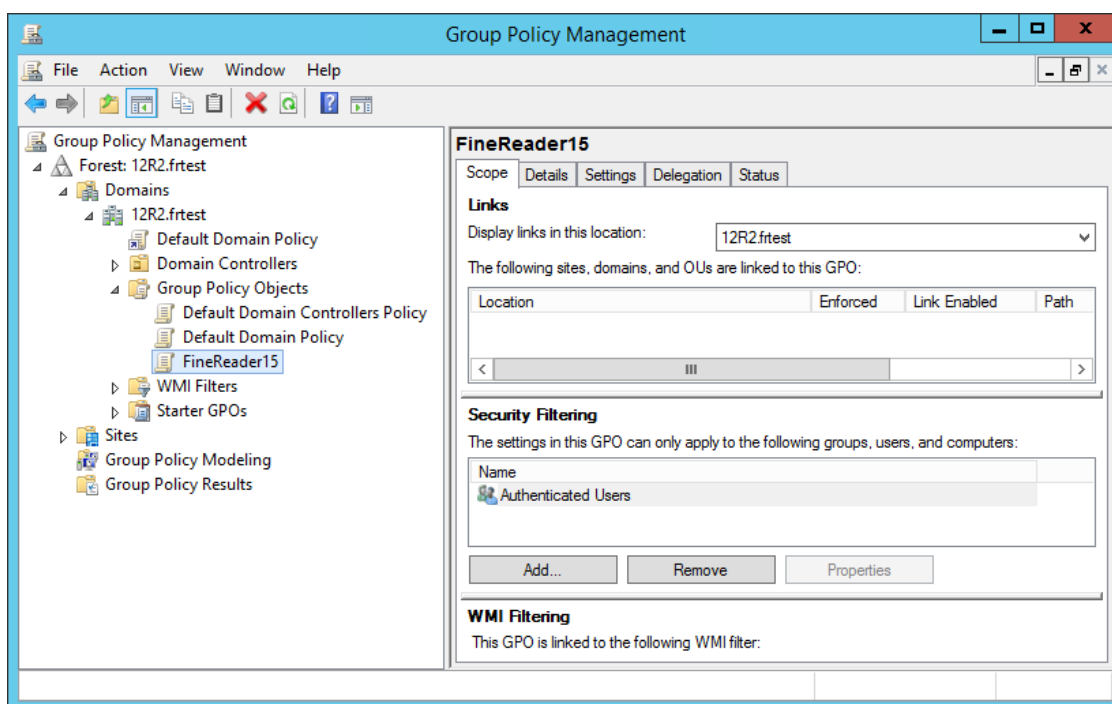


6. Para guardar los cambios, actualice las directivas de grupo y reinicie ABBYY FineReader PDF 15 en la estación de trabajo.

Nota. Los parámetros que se establezcan mediante la Directiva de grupo se aplican de forma global a todas las aplicaciones que sean parte de ABBYY FineReader PDF 15.

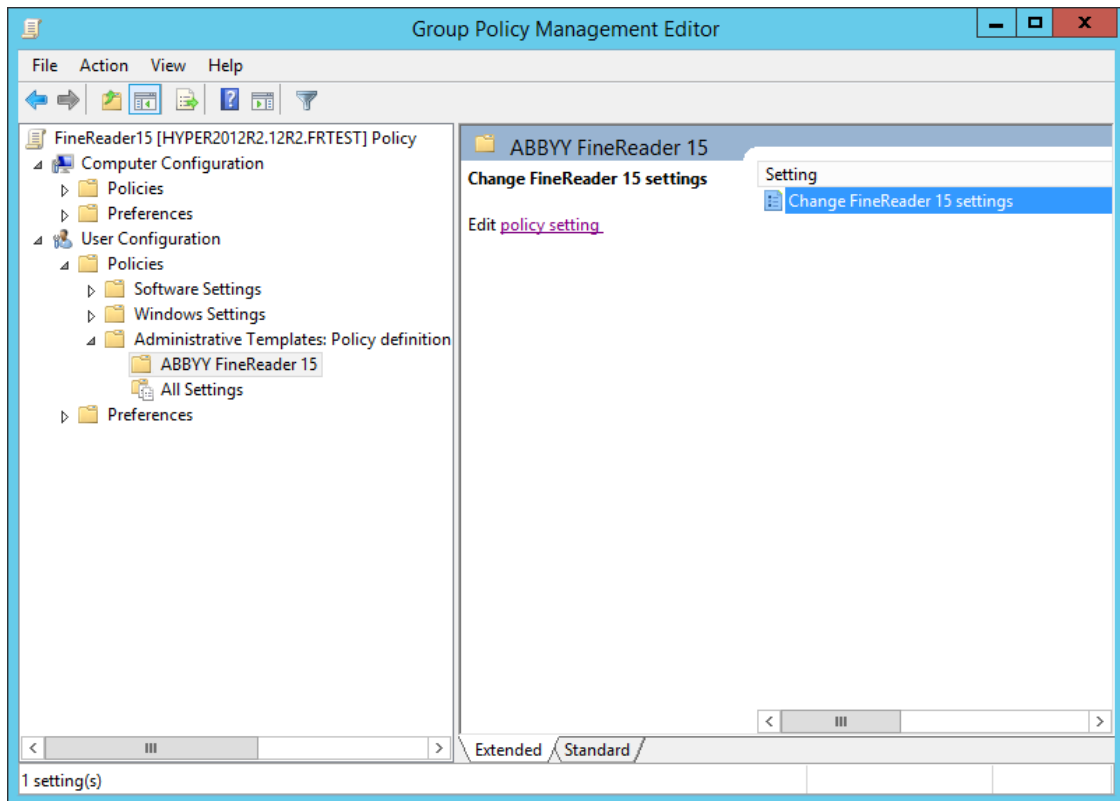
Configurar ABBYY FineReader PDF 15 en todos los equipos del dominio a la vez

1. Descargue los archivos [FineReader15.admx](#) y [FineReader15.adml](#).
2. Ponga el archivo **FineReader.admx** en la carpeta **%systemroot%\sysvol\xxxxx\policies\PolicyDefinitions**, y el archivo **FineReader15.adml** en la carpeta **%systemroot%\sysvol\xxxxx\policies\PolicyDefinitions\en-us**.
3. Abra el cuadro de diálogo **Ejecutar** (Win + R) y ejecute **gpmc.msc**. Se abrirá la consola de **Gestión de directiva de grupo**.
4. Crear un grupo de idiomas nuevo. Para hacerlo, abra el menú contextual del nodo de objetos de **Directiva de grupo** y seleccione **Nuevo**.
5. Introduzca un nombre para la política de grupo y haga clic en **Aceptar**.
6. Amplíe el nodo **Objetos del grupo**.

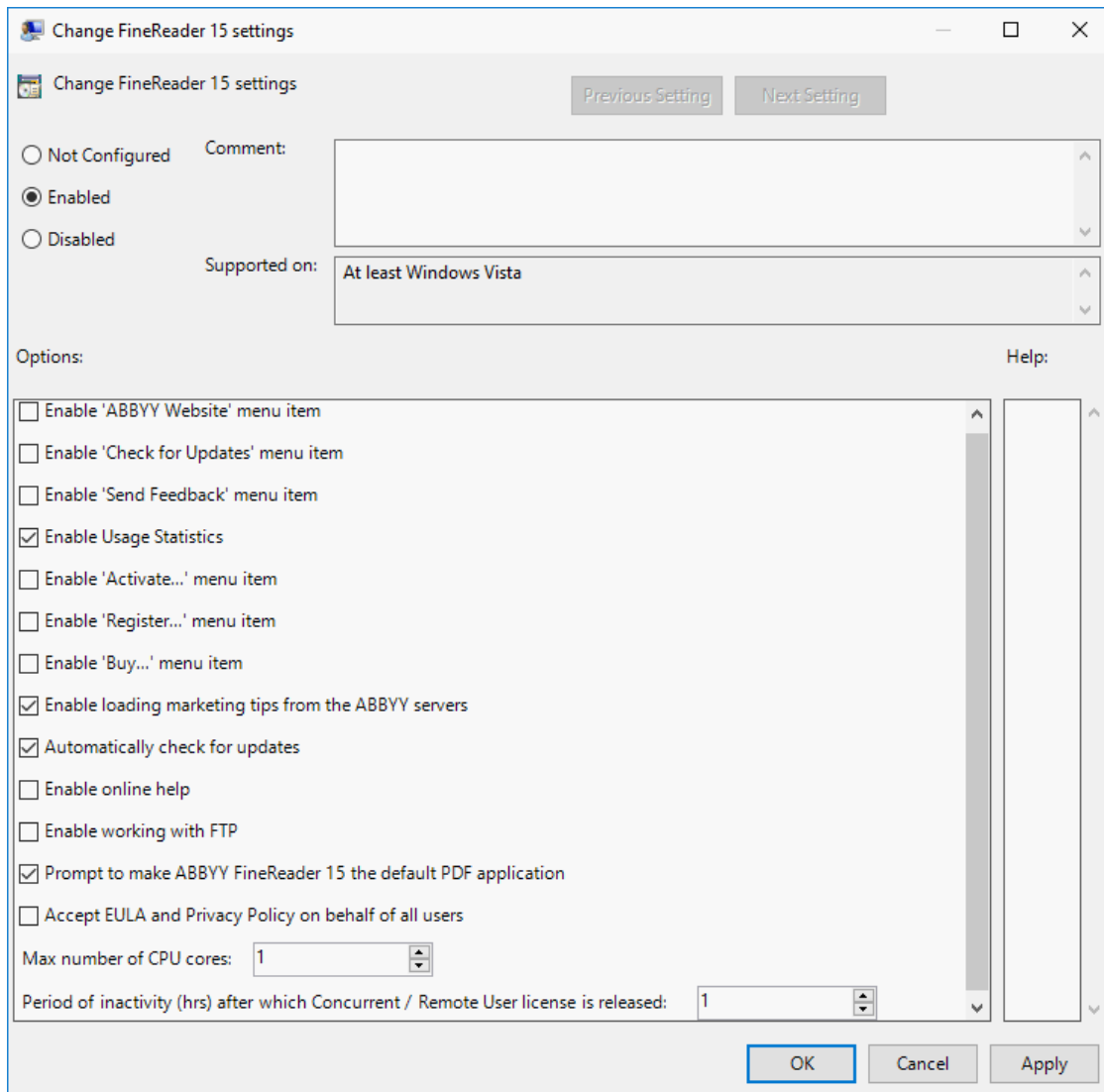


7. Abra el menú contextual del objeto de la directiva de grupo creado en el paso 4 y seleccione **Editar**. Así abrirá la ventana del **Editor de gestión de directivas de grupo**.

8. Para editar una política de grupo, seleccione **Configuración de usuario > Políticas > Plantillas administrativas: Definiciones de directiva (archivos ADMX capturados) > ABBYY FineReader PDF 15** y abra la directiva **Cambiar ajustes en FineReader 15**.



9. Marque los parámetros apropiados y haga clic en **Aceptar**.



10. Para guardar los cambios realizados, actualice las directivas de grupo en el servidor y reinicie ABBYY FineReader PDF 15 en la estación de trabajo.

Nota. Los parámetros que se establezcan mediante la Directiva de grupo se aplican de forma global a todas las aplicaciones que sean parte de ABBYY FineReader PDF 15.

Actualizaciones de la instalación

Para actualizar ABBYY FineReader PDF 15 en estaciones de trabajo, complete los siguientes pasos:

1. Descargue los archivos de instalación de la última versión de ABBYY FineReader PDF 15.
2. Instale ABBYY FineReader PDF 15 en estaciones de trabajo sin crear un punto de instalación administrativa. Puede utilizar cualquier método de instalación. Consulte [Instalación de ABBYY FineReader 15 en estaciones de trabajo](#)¹⁸.

Nota. No es necesario desinstalar la versión anterior de ABBYY FineReader PDF 15 para instalar una actualización.

Preguntas frecuentes

¿Puedo clonar un sistema operativo que tenga ABBYY FineReader PDF 15 instalado?

Para implementar ABBYY FineReader PDF 15, puede clonar su sistema operativo Microsoft Windows 7 SP1/8/10. Una vez que haya clonado el sistema operativo, deberá activar ABBYY FineReader PDF 15. En función de la versión del producto, es posible que las copias no activadas de ABBYY FineReader PDF 15 no se ejecuten, tampoco en modo de prueba. Algunas versiones del producto se activan solas de forma automática a través de internet sin solicitar la confirmación del usuario. Consulte [Creación de un punto de instalación administrativa multiusuario](#)^[17] para obtener más información.

¡Importante!

1. La clonación solo es posible si no ha ejecutado todavía ABBYY FineReader PDF 15 en el equipo clonado.
De lo contrario, tendrá que reparar ABBYY FineReader PDF 15 en dicho equipo. Consulte [¿Cómo puedo reparar ABBYY FineReader PDF 15 en estaciones de trabajo](#)^[63]?
2. Una vez que haya clonado el sistema operativo, deberá cambiar el nombre y el **identificador de seguridad (SID)**.
3. Las versiones de prueba de ABBYY FineReader PDF 15 se pueden clonar.

¿Cómo puedo cambiar la configuración de la conexión de red?

Puede cambiar la configuración de conexión utilizada para la comunicación entre License Server, License Manager y las estaciones de trabajo.

1. Cambie los siguientes parámetros en el archivo **NetworkLicenseServer.ini**, ubicado en el equipo en el que tenga instalado License Server (**%programfiles%\Common Files\ABBYY\FineReader\15\Licensing**).

- Protocolo de conexión

Consulte [Configuración del protocolo de conexión](#)^[62] para obtener más información.

- Puerto de conexión

Consulte [Configuración del puerto de conexión](#)^[63] para obtener más información.

Por ejemplo:

[Licensing]

NetworkServer=yes

ConnectionProtocolType=TCP\IP

ConnectionEndpointName=81

Nota: Asegúrese de que su cortafuegos no impida que **%programfiles%\Common Files\ABBYY\FineReader\15\Licensing\NetworkLicenseServer.exe** acceda al puerto especificado.

2. Realice los mismos cambios en el archivo **Licensing.ini**, ubicado en **%programfiles%\Common Files\ABBYY\FineReader\15\Licensing**.
3. Copie el archivo **Licensing.ini** en la carpeta de License Manager de todos los equipos donde se haya instalado la utilidad. (De manera predeterminada, License Manager está instalado en **%programfiles%\ABBYY FineReader PDF 15 License Server**).

¡Importante! Para que los cambios tengan efecto, debe reiniciar ABBYY FineReader PDF 15 Licensing Service.

4. Reinicie ABBYY FineReader PDF 15 Licensing Service. Una vez que lo haya hecho, asegúrese de que License Manager funcione correctamente.
5. Cree [un punto de instalación administrativa](#)^[13].

6. En el punto de instalación administrativa que acaba de crear, copie el archivo **Licensing.ini** actualizado, que se encuentra en **%programfiles%\Common Files\ABBYY\FineReader\15\Licensing**.

Por ejemplo:

D:\Temp\Adm15\ABBYY FineReader PDF 15 es la carpeta de instalación administrativa de Adm15.

ABBYY FineReader PDF 15 es la subcarpeta que contiene el archivo ejecutable FineReader.exe.

El archivo **Licensing.ini** debe copiarse en la subcarpeta ABBYY FineReader PDF 15.

7. Asegúrese de que está abierto el puerto apropiado del servidor.
8. Vuelva a instalar ABBYY FineReader PDF 15 en las estaciones de trabajo con la ayuda del punto de instalación administrativa que ha creado en el paso 5.

Configuración del protocolo de conexión

Para configurar el protocolo del servidor, utilice el parámetro **ConnectionProtocolType** del archivo **NetworkLicenseServer.ini** ubicado en **%programfiles%\Common Files\ABBYY\FineReader\15\Licensing**.

[Licensing]

ConnectionProtocolType=[TCP\IP | NAMED PIPES]

Este parámetro permite especificar un protocolo de red (TCP/IP) o utilizar el protocolo Canalizaciones con nombre. Esta información la utilizan:

- License Manager para acceder a License Server
- Las estaciones de trabajo para acceder a License Server cuando ABBYY FineReader PDF 15 se está instalando o reparando en ellas

De manera predeterminada, se utiliza el protocolo **Canalizaciones con nombre**.

Configuración del puerto de conexión

Para configurar el puerto de conexión, utilice el parámetro **ConnectionEndpointName** del archivo **NetworkLicenseServer.ini** ubicado en **%programfiles%\Common Files\ABBYY\FineReader\15\Licensing**.

[Licensing]

ConnectionEndpointName=[port number for TCP/IP | channel name for Named Pipes]

El parámetro debe tener el siguiente formato: **ConnectionEndpointName=\pipe**

Este parámetro permite especificar el puerto del protocolo de conexión o el nombre del canal de Canalizaciones con nombre. Esta información la utilizan:

- License Manager para acceder a License Server
- Las estaciones de trabajo para acceder a License Server cuando ABBYY FineReader PDF 15 se está instalando o reparando en ellas

Nota: Para el protocolo Canalizaciones con nombre, procure no cambiar el nombre de la canalización con nombre que establece el programa al instalar License Server. Canalizaciones con nombre utiliza de manera predeterminada el siguiente nombre: **\pipe\ABBYY\FineReader Windows 15.0 Licensing Service**.

¿Cómo puedo reparar ABBYY FineReader PDF 15 en las estaciones de trabajo?

Puede que haga falta un acceso a la distribución de la instalación para la recuperación del programa.

Reparación de ABBYY FineReader PDF 15 en modo interactivo

En las estaciones de trabajo, haga lo siguiente:

1. En **Start > Control Panel (Inicio > Panel de control)**, seleccione **Programs and Features (Programas y características)**.
2. En la lista de programas instalados, seleccione **ABBYY FineReader PDF 15** y haga clic en **Change (Cambiar)**.
3. En el cuadro de diálogo **Program Maintenance (Mantenimiento del programa)** que aparece en pantalla, seleccione **Repair (Reparar)** y, a continuación, haga clic en **Next (Siguiente)**.
4. Siga las instrucciones del asistente.

Reparación de ABBYY FineReader PDF 15 por medio de la línea de comandos

Ejecute el comando siguiente en la estación de trabajo:

msiexec /f {Código de producto},

y dependiendo del tipo de instalación y de la arquitectura de Windows, especifique uno de los siguientes en lugar de **{Código de producto}**:

	x86	x64
Instalación básica/completa	{F15000FE-0001-0000-0000-074957833700}	{F15000FE-0001-6400-0000-074957833700}
Instalación SLE	{F15000BE-0001-0000-0000-074957833700}	{F15000BE-0001-6400-0000-074957833700}

Ej.:

msiexec /f {F15000FE-0001-0000-0000-074957833700}

¿Cómo puedo cambiar el nombre del equipo que aloja License Server o mover License Server a otro equipo?

Si ha implementado ABBYY FineReader en la red de área local y ha cambiado posteriormente el nombre del equipo donde está alojado License Server, o bien se produce un error inesperado en el equipo de License Server, haga lo siguiente:

1. Quite License Server del equipo en el que está instalado.

Nota: si no es posible acceder al equipo, vaya al paso 2.

1.1. En **Start > Control Panel (Inicio > Panel de control)**, seleccione **Programs and Features (Programas y características)**.

1.2. En la lista de programas instalados, seleccione **ABBYY FineReader PDF 15 License Server** y haga clic en **Remove (Quitar)**.

2. Instale License Server en un equipo distinto, por ejemplo, en **\\NewServer**.

3. En todos los equipos donde esté instalado License Manager, edite o agregue el parámetro **[Licensing]**

NetworkServerName=<COMPUTER NAME> en el archivo

%Program Files%\ABBYY FineReader PDF 15 License Server\LicenseManager.ini.

Este parámetro permite especificar el nombre del servidor al que debe acceder License Manager.

Por ejemplo: especifique

[Licensing]

NetworkServerName=MyComputerName.

Importante: para que los cambios tengan efecto, debe reiniciar ABBYY FineReader PDF 15 Licensing Service.

4. Agregue y active las licencias en ABBYY FineReader PDF 15 License Manager. Para obtener más información, consulte el archivo de ayuda de ABBYY FineReader License Manager.

Nota: Si está utilizando licencias por puesto, le recomendamos restaurar el estado de las licencias antes de añadirlas al gestor de licencias.

5. En el punto de instalación de administración, vaya a la carpeta de ABBYY FineReader PDF 15 y cree un archivo **Licensing.ini**.

La ruta de la carpeta de instalación de administración se ha especificado anteriormente al crear el punto de instalación de administración. Para obtener más información, consulte [Creación de un punto de instalación de administración](#)¹³.

6. En el archivo **Licensing.ini** que ha creado, agregue el parámetro **NetworkServerName** a la sección **[Licensing]**. Este parámetro especifica el nombre del servidor, por ejemplo,

[Licensing]

NetworkServerName=MyComputerName.

7. Reinstale ABBYY FineReader en una estación de trabajo.
Para obtener más información, consulte [Implementación de un paquete de distribución multiusuario con licencias por puesto](#)¹⁵.
8. Se creará un archivo de nombre **<NOMBRE DE EQUIPO>.ABBYY.LicServer**. **<NOMBRE DE EQUIPO>** es el valor del parámetro **NetworkServerName**. Por ejemplo:
Nombredemiequipo.ABBYY.LicServer.
Copie el archivo **<NOMBRE DE EQUIPO>.ABBYY.LicServer** en las otras estaciones de trabajo.
Puede encontrar el archivo en una de las ubicaciones siguientes:
%programdata%\ABBYY\FineReader\15\Licenses si utiliza Windows 7 SP1 o posterior.

Asistencia técnica

Si tiene alguna pregunta sobre cómo instalar y utilizar ABBYY FineReader PDF 15 y no encuentra la respuesta en este Manual del administrador de sistemas, póngase en contacto con el servicio de asistencia técnica o los partners de ABBYY. Para ver la información de contacto, visite <https://www.abbyy.com/support/>.

Software de terceros

Adobe Color Profile, APDFL

© 2000-2012 Datalogics, Inc.

Datalogics®, The DL Logo®, PDF2IMG™ and DLE™ are trademarks of Datalogics, Inc.

© 1984-2012 Adobe Systems Incorporated and its licensors. All rights reserved.

Adobe®, The Adobe Logo®, Adobe® PDF Library™, Powered by Adobe PDF Library logo, Reader® are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

zlib, zlib-CRC32 constants

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.8, April 28th, 2013

Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

Part of DjVu - Zlib 1.2.7

/* zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

The technologies listed above are distributed subject to conditions of the following license:

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

Adobe Glyph List License

Copyright (c) 1997,1998,2002,2007 Adobe Systems Incorporated

Permission is hereby granted, free of charge, to any person obtaining a copy of this documentation file to use, copy, publish, distribute, sublicense, and/or sell copies of the documentation, and to permit others to do the same, provided that:

- No modification, editing or other alteration of this document is allowed; and
- The above copyright notice and this permission notice shall be included in all copies of the documentation.

Permission is hereby granted, free of charge, to any person obtaining a copy of this documentation file, to create their own derivative works from the content of this document to use, copy, publish, distribute, sublicense, and/or sell the derivative works, and to permit others to do the same, provided that the derived work is not represented as being a copy or version of this document.

Adobe shall not be liable to any party for any loss of revenue or profit or for indirect, incidental, special, consequential, or other similar damages, whether based on tort (including without limitation negligence or strict liability), contract or other legal or equitable grounds even if Adobe has been advised or had reason to know of the possibility of such damages. The Adobe materials are provided on an "AS IS" basis. Adobe specifically disclaims all express, statutory, or implied warranties relating to the Adobe materials, including but not limited to those concerning merchantability or fitness for a particular purpose or non-infringement of any third party rights regarding the Adobe materials.

MD5 message digest algorithm reference implementation

This software is derived in part from the RSA Data Security, Inc. MD5 Message-Digest Algorithm

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

little cms

Copyright (c) 1998-2013 Marti Maria Saguer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Kakadu Software

Portions of this software are copyright © 2017 Kakadu Software Pty Ltd. All rights reserved.

Jasper

JasPer License Version 2.0

Copyright (c) 2001-2006 Michael David Adams

Copyright (c) 1999-2000 Image Power, Inc.

Copyright (c) 1999-2000 The University of British Columbia

All rights reserved.

Permission is hereby granted, free of charge, to any person (the "User") obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the

Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. The above copyright notices and this permission notice (which includes the disclaimer below) shall be included in all copies or substantial portions of the Software.
2. The name of a copyright holder shall not be used to endorse or promote products derived from the Software without specific prior written permission.

THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY.

EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

DjVu

Portions of this computer program are copyright © 2008 Celartem, Inc. All rights reserved.

Portions of this computer program are copyright © 2011 Caminova, Inc. All rights reserved.

Portions of this computer program are copyright © 2013 Cuminas, Inc. All rights reserved.

DjVu is protected by U.S. Patent No. 6,058,214. Foreign Patents Pending.

Powered by AT&T Labs Technology.

License.DjVu.txt, which contains the terms of Expat, Release 2.0.1 License and of Jasper License Version 2.0:

Expat, Release 2.0.1 Copyright © 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper

Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the

"Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

JasPer License Version 2.0 Copyright © 2001-2006 Michael David Adams Copyright © 1999-2000 Image Power, Inc. Copyright © 1999-2000 The University of British Columbia All rights reserved. Permission is hereby granted, free of charge, to any person (the "User") obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notices and this permission notice (which includes the disclaimer below) shall be included in all copies or substantial portions of the Software. The name of a copyright holder shall not be used to endorse or promote products derived from the Software without specific prior written permission. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY. EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

libmv (SURF detector)

Copyright (c) 2007, 2008, 2009 libmv authors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies

of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

FAST detector

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

*Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

*Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

*Neither the name of the University of Cambridge nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

AGAST++

Copyright (c) 2010, Elmar Mair All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: *
 Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. *
 Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. *
 Neither the name of the owner nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BRISK

BRISK - Binary Robust Invariant Scalable Keypoints Reference implementation of [1] Stefan Leutenegger, Margarita Chli and Roland Siegwart, BRISK: Binary Robust Invariant Scalable Keypoints, in Proceedings of the IEEE International Conference on Computer Vision (ICCV2011).

Copyright (C) 2011 The Autonomous Systems Lab (ASL), ETH Zurich, Stefan Leutenegger, Simon Lynen and Margarita Chli.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of the ASL nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

LibJPEG

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.

All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

LibPNG

libpng versions 1.2.6, August 15, 2004, through 1.2.29, May 8, 2008, are

Copyright (c) 2004, 2006-2008 Glenn Randers-Pehrson, and are

distributed according to the same disclaimer and license as libpng-1.2.5

with the following individual added to the list of Contributing Authors

Cosmin Truta

libpng versions 1.0.7, July 1, 2000, through 1.2.5 - October 3, 2002, are

Copyright (c) 2000-2002 Glenn Randers-Pehrson, and are

distributed according to the same disclaimer and license as libpng-1.0.6

with the following individuals added to the list of Contributing Authors

Simon-Pierre Cadieux

Eric S. Raymond

Gilles Vollant

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire

risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998, 1999 Glenn Randers-Pehrson, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane

Glenn Randers-Pehrson

Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996, 1997 Andreas Dilger

Distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler

Kevin Bracey

Sam Bushell

Magnus Holmgren

Greg Roelofs

Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger

Dave Martindale

Guy Eric Schalnat

Paul Schmidt

Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of

fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage. Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative.

Glenn Randers-Pehrson

glennrp at users.sourceforge.net

May 8, 2008

pixtran (pixtools)

© Copyright 2007 EMC Corporation. All rights reserved.

EMC's and EMC's licensors' intellectual property rights in the Software are protected under all legal theories applicable to the geography where the Software is used;

ABBYY makes You no representations or warranties on behalf of EMC. All rights not expressly granted herein are reserved by EMC.

Intel Integrated Performance Primitives

Copyright © 2002-2008 Intel Corporation.

Intel® Integrated Performance Primitives (Intel® IPP) 2018

Copyright (c) 2018 Intel Corporation.

The technologies listed above are distributed subject to conditions of the following license:

Use and Redistribution. You may use and redistribute the software (the “Software”), without modification, provided the following conditions are met:

- * Redistributions must reproduce the above copyright notice and the following terms of use in the Software and in the documentation and/or other materials provided with the distribution.
- * Neither the name of Intel nor the names of its suppliers may be used to endorse or promote products derived from this Software without specific prior written permission.
- * No reverse engineering, decompilation, or disassembly of this Software is permitted.

Limited patent license. Intel grants you a world-wide, royalty-free, non-exclusive license under patents it now or hereafter owns or controls to make, have made, use, import, offer to sell and sell (“Utilize”) this Software, but solely to the extent that any such patent is necessary to Utilize the Software alone. The patent license shall not apply to any combinations which include this software. No hardware per se is licensed hereunder.

Third party and other Intel programs. “Third Party Programs” are the files listed in the “third-party-programs.txt” text file that is included with the Software and may include Intel programs under separate license terms. Third Party Programs, even if included with the distribution of the Materials, are governed by separate license terms and those license terms solely govern your use of those programs.

DISCLAIMER. THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT ARE DISCLAIMED. THIS SOFTWARE IS NOT INTENDED FOR USE IN SYSTEMS OR APPLICATIONS WHERE FAILURE OF THE SOFTWARE MAY CAUSE PERSONAL INJURY OR DEATH AND YOU AGREE THAT YOU ARE FULLY RESPONSIBLE FOR ANY CLAIMS, COSTS, DAMAGES, EXPENSES, AND ATTORNEYS’ FEES ARISING OUT OF ANY SUCH USE, EVEN IF ANY CLAIM ALLEGES THAT INTEL WAS NEGLIGENT REGARDING THE DESIGN OR MANUFACTURE OF THE MATERIALS.

LIMITATION OF LIABILITY. IN NO EVENT WILL INTEL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. YOU AGREE TO INDEMNIFY AND HOLD INTEL HARMLESS AGAINST ANY CLAIMS AND EXPENSES RESULTING FROM YOUR USE OR UNAUTHORIZED USE OF THE SOFTWARE.

No support. Intel may make changes to the Software, at any time without notice, and is not obligated to support, update or provide training for the Software.

Termination. Intel may terminate your right to use the Software in the event of your breach of this Agreement and you fail to cure the breach within a reasonable period of time.

Feedback. Should you provide Intel with comments, modifications, corrections, enhancements or other input (“Feedback”) related to the Software Intel will be free to use, disclose, reproduce, license or

otherwise distribute or exploit the Feedback in its sole discretion without any obligations or restrictions of any kind, including without limitation, intellectual property rights or licensing obligations.

Compliance with laws. You agree to comply with all relevant laws and regulations governing your use, transfer, import or export (or prohibition thereof) of the Software.

Governing law. All disputes will be governed by the laws of the United States of America and the State of Delaware without reference to conflict of law principles and subject to the exclusive jurisdiction of the state or federal courts sitting in the State of Delaware, and each party agrees that it submits to the personal jurisdiction and venue of those courts and waives any objections. The United Nations Convention on Contracts for the International Sale of Goods (1980) is specifically excluded and will not apply to the Software.

*Other names and brands may be claimed as the property of others.

LZMA SDK

LZMA SDK is placed in the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute the original LZMA SDK code, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

jsoncpp

Copyright (c) 2007-2010 Baptiste Lepilleur

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

libyaml

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Intel Math Kernel Library 2017 Update 2

Intel Simplified Software License

(version January 2017)

This license applies to the following products:

Intel® Math Kernel Library (intel® MKL)

Intel® Integrated Performance Primitives (Intel® IPP)

Intel® Distribution for Python

Intel® Machine Learning Scaling Library (Intel® MLSL)

Copyright © 2017 Intel Corporation.

Use and Redistribution. You may use and redistribute the software (the "Software"), without modification, provided the following conditions are met:

Redistributions must reproduce the above copyright notice and the following terms of use in the Software and in the documentation and/or other materials provided with the distribution.

Neither the name of Intel nor the names of its suppliers may be used to endorse or promote products derived from this Software without specific prior written permission.

No reverse engineering, decompilation, or disassembly of this Software is permitted.

Limited patent license. Intel grants you a world-wide, royalty-free, non-exclusive license under patents it now or hereafter owns or controls to make, have made, use, import, offer to sell and sell ("Utilize") this Software, but solely to the extent that any such patent is necessary to Utilize the Software alone. The patent license shall not apply to any combinations which include this software. No hardware per se is licensed hereunder.

Third party and other Intel programs. "Third Party Programs" are the files listed in the "third-party-programs.txt" text file that is included with the Software and may include Intel programs under separate license terms. Third Party Programs, even if included with the distribution of the Materials, are governed by separate license terms and those license terms solely govern your use of those programs.

DISCLAIMER. THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT ARE DISCLAIMED. THIS SOFTWARE IS NOT INTENDED NOR AUTHORIZED FOR USE IN SYSTEMS OR APPLICATIONS WHERE FAILURE OF THE SOFTWARE MAY CAUSE PERSONAL INJURY OR DEATH.

LIMITATION OF LIABILITY. IN NO EVENT WILL INTEL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. YOU AGREE TO INDEMNIFY AND HOLD INTEL HARMLESS AGAINST ANY CLAIMS AND EXPENSES RESULTING FROM YOUR USE OR UNAUTHORIZED USE OF THE SOFTWARE.

No support. Intel may make changes to the Software, at any time without notice, and is not obligated to support, update or provide training for the Software.

Termination. Intel may terminate your right to use the Software in the event of your breach of this Agreement and you fail to cure the breach within a reasonable period of time.

Feedback. Should you provide Intel with comments, modifications, corrections, enhancements or other input ("Feedback") related to the Software Intel will be free to use, disclose, reproduce, license or otherwise distribute or exploit the Feedback in its sole discretion without any obligations or restrictions of any kind, including without limitation, intellectual property rights or licensing obligations.

Compliance with laws. You agree to comply with all relevant laws and regulations governing your use, transfer, import or export (or prohibition thereof) of the Software.

Governing law. All disputes will be governed by the laws of the United States of America and the State of Delaware without reference to conflict of law principles and subject to the exclusive jurisdiction of the state or federal courts sitting in the State of Delaware, and each party agrees that it submits to the personal jurisdiction and venue of those courts and waives any objections. The United Nations Convention on Contracts for the International Sale of Goods (1980) is specifically excluded and will not apply to the Software.

*Other names and brands may be claimed as the property of others.

Twain Header

The Twain Toolkit is distributed as is. The developer and distributors of the Twain Toolkit expressly disclaim all implied, express or

statutory warranties including, without limitation, the implied warranties of merchantability, noninfringement of

third party rights and fitness for a particular purpose. Neither the developers nor the distributors will be liable

for damages, whether direct, indirect, special, incidental, or consequential, as a result of the reproduction,

modification, distribution or other use of the Twain Toolkit.

OpenCV

© Copyright 2018, OpenCV team

For Open Source Computer Vision Library

(3-clause BSD License)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the names of the copyright holders nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided by the copyright holders and contributors “as is” and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall copyright holders or contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

Eigen

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at

<https://mozilla.org/MPL/2.0/>^[66]

A copy of Source Code Form of this software may be obtained at <https://github.com/eigenteam/eigen-git-mirror>^[66]

Mozilla Public License

Version 2.0

1. Definitions

1.1. “Contributor”

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. “Contributor Version”

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor’s Contribution.

1.3. “Contribution”

means Covered Software of a particular Contributor.

1.4. “Covered Software”

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"

means

- a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
- b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- b. any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

a. for any code that a Contributor has removed from Covered Software; or

b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the

Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular

Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an “as is” basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party’s negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party’s ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

FreeType

FreeType font driver for BDF fonts

Francesco Zappa Nardelli

<francesco.zappa.nardelli@ens.fr

License

Copyright (C) 2001-2002 by Francesco Zappa Nardelli

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

*** Portions of the driver (that is, bdflib.c and bdf.h):

Copyright 2000 Computing Research Labs, New Mexico State University

Copyright 2001-2002 Francesco Zappa Nardelli

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"),

to deal in the Software without restriction, including without limitation

the rights to use, copy, modify, merge, publish, distribute, sublicense,

and/or sell copies of the Software, and to permit persons to whom the

Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

FreeType font driver for PCF fonts

Francesco Zappa Nardelli

<francesco.zappa.nardelli@ens.fr

License

Copyright (C) 2000 by Francesco Zappa Nardelli

Permission is hereby granted, free of charge, to any person obtaining

a copy of this software and associated documentation files (the

"Software"), to deal in the Software without restriction, including

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The FreeType Project LICENSE

2006-Jan-27

Copyright 1996-2002, 2006 by

David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

=====

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products

alike. As a consequence, its main points are that:

- o We don't promise that this software works. However, we will be interested in any kind of bug reports. ('as is' distribution)
- o You can use this software for whatever you want, in parts or full form, without having to pay us. ('royalty-free' usage)
- o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. ('credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products.

We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

""

Portions of this software are copyright <year> The FreeType Project (www.freetype.org^[66]). All rights reserved.

""

Please replace <year> with the value from the FreeType version you actually use.

Legal Terms

=====

0. Definitions

Throughout this license, the terms 'package', 'FreeType Project', and 'FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

'You' refers to the licensee, or person using the project, where 'using' is a generic term including compiling the project's source code as well as linking it to form a 'program' or 'executable'. This program is referred to as 'a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive.

If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.
- o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it.

Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution.

If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<http://www.freetype.org>^[66]

v8

Copyright 2006-2011, the V8 project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

v8/Strongtalk

Copyright (c) 1994-2006 Sun Microsystems Inc.

All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Sun Microsystems or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

v8/fdlibm

Copyright (C) 1993-2004 by Sun Microsystems, Inc. All rights reserved.

Developed at SunSoft, a Sun Microsystems, Inc. business.

Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

Rhash

RHash License Copyright (c) 2005-2014 Aleksey Kravchenko <rhash.admin@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so. The Software is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. Use this program at your own risk!

Pecita (font)

Copyright (c) 2011-05-12—2015-09-22, Pecita (Pecita.net),

with Reserved Font Name <Reserved Font Name>.

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:

<http://scripts.sil.org/OFL>

Miama Nueva Medium (font)

Copyright (c) 2016-03-13, Linus Romer

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:

<http://scripts.sil.org/OFL>

Bad Script (font)

Designed by Roman Shchyukin from Gaslight.

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:

<http://scripts.sil.org/OFL>

SIL OPEN FONT LICENSE Version 1.1 - 26 February 2007

PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide

development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting -- in part or in whole -- any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.
- 4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.
- 5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

TERMINATION

This license becomes null and void if any of the above conditions are not met.

DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,

INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

PDF-XChange

PDF-XChange Standard (c) 2001-2013 by Tracker Software Products Ltd.

RazorEngine, google-diff-match-patch

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>⁶⁶

Terms and Conditions for use, reproduction, and distribution

1. Definitions

“License” shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

“Licensor” shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

“Legal Entity” shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, “control” means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

“You” (or “Your”) shall mean an individual or Legal Entity exercising permissions granted by this License.

“Source” form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

“Object” form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

“Work” shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

“Derivative Works” shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

“Contribution” shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, “submitted” means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as “Not a Contribution.”

“Contributor” shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution

You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a “NOTICE” text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions

Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks

This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty

Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an “AS IS” BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability

In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability

While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

haval

Copyright (c) 2003 Calyptix Security Corporation * All rights reserved. * * This code is derived from software contributed to Calyptix Security * Corporation by Yuliang Zheng. * * Redistribution and use in source and binary forms, with or without * modification, are permitted provided that the following conditions * are met: * 1. Redistributions of source code must retain the above copyright * notice, this list of conditions and the following disclaimer. * 2. Redistributions in binary form must reproduce the

above * copyright notice, this list of conditions and the following * disclaimer in the documentation and/or other materials provided * with the distribution. * 3. Neither the name of Calyptix Security Corporation nor the * names of its contributors may be used to endorse or promote * products derived from this software without specific prior * written permission. * * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE * COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, * BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; * LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER * CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN * ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE * POSSIBILITY OF SUCH DAMAGE.

Openssl

Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (

<http://www.openssl.org/>⁶⁶)

Copyright (C) 1995-1998 Eric Young

(eay@cryptsoft.com)

All rights reserved.

This product includes cryptographic software written by Eric Young

(eay@cryptsoft.com)

Eric Young is the author of the parts of the library used.

This product includes software written by Tim Hudson

(tjh@cryptsoft.com)

OpenSSL License * Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved. * * Redistribution and use in source and binary forms, with or without * modification, are permitted provided that the following conditions * are met: * * 1. Redistributions of source code must retain the above copyright * notice, this list of conditions and the following disclaimer. * * 2. Redistributions in binary form must reproduce the above copyright * notice, this list of conditions and the following disclaimer in * the documentation and/or other materials provided with the * distribution. * * 3. All advertising materials mentioning features or use of this * software must display the following acknowledgment: * "This product includes software developed by the OpenSSL Project * for use in the OpenSSL Toolkit. (

<http://www.openssl.org/>⁶⁶)

)* * 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to * endorse or promote products derived from this software without * prior written permission. For written permission, please contact *

openssl-core@openssl.org

. * * 5. Products derived from this software may not be called "OpenSSL" * nor may "OpenSSL" appear in their names without prior written * permission of the OpenSSL Project. * * 6. Redistributions of any form whatsoever must retain the following * acknowledgment: * "This product includes software developed by the OpenSSL Project * for use in the OpenSSL Toolkit (

<http://www.openssl.org/>

)" * * THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY * EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR * PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR * ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, * SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; * LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED * OF THE POSSIBILITY OF SUCH DAMAGE. *

=====
* * This product includes cryptographic software written by Eric Young *

(eay@cryptsoft.com)

. This product includes software written by Tim * Hudson

(tjh@cryptsoft.com)

. * */

Original SSLeay License -----

/* Copyright (C) 1995-1998 Eric Young

(eay@cryptsoft.com)

* All rights reserved. * * This package is an SSL implementation written * by Eric Young

(eay@cryptsoft.com)

. * The implementation was written so as to conform with Netscapes SSL. * * This library is free for commercial and non-commercial use as long as * the following conditions are aheared to. The following conditions * apply to all code found in this distribution, be it the RC4, RSA, * lhash, DES, etc., code; not just the SSL code. The SSL documentation * included with this distribution is covered by the same copyright terms * except that the holder is Tim Hudson

(tjh@cryptsoft.com)

. * * Copyright remains Eric Young's, and as such any Copyright notices in * the code are not to be removed. * If this package is used in a product, Eric Young should be given attribution * as the author of the parts of the library used. * This can be in the form of a textual message at program startup or * in documentation (online or textual) provided with the package. * * Redistribution and use in source and binary forms, with or without * modification, are permitted provided that the following conditions * are met:

- * 1. Redistributions of source code must retain the copyright * notice, this list of conditions and the following disclaimer. * 2. Redistributions in binary form must reproduce the above copyright * notice, this list of conditions and the following disclaimer in the * documentation and/or other materials provided with the distribution. * 3. All advertising materials mentioning features or use of this software * must display the following acknowledgement: * "This product includes cryptographic software written by * Eric Young

(eay@cryptsoft.com)

" * The word 'cryptographic' can be left out if the routines from the library * being used are not cryptographic related :-). * 4. If you include any Windows specific code (or a derivative thereof) from * the apps directory (application code) you must include an acknowledgement: * "This product includes software written by Tim Hudson

(tjh@cryptsoft.com)

" * * THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND * ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE * ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE * FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL * DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS * OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY * OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF * SUCH DAMAGE. * * The licence and distribution terms for any publically available version or * derivative of this code cannot be changed. i.e. this code cannot simply be * copied and put under another distribution licence * [including the GNU Public Licence.] */