

# **ADOBE® CREATIVE SUITE® 4 DEPLOYMENT TOOLKIT**

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Adobe® Creative Suite® 4 Deployment Toolkit for Windows® and Mac OS

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# Adobe® Creative Suite® 4 Deployment Toolkit

The Adobe® Creative Suite® 4 Deployment Toolkit automates the process of configuration of Creative Suite® 4 editions and components installation across an enterprise.

It provides the following features:

- An intuitive workflow that enables you to select products, installation language, and shared and supporting components
- The option to suppress the end-user license agreement (EULA), registration, and update notifications at the client machines
- Validation of serial numbers against the specified installer during configuration
- An executable file for ease of deployment
- Capability to delete the installer from the client machine after installation
- Compatibility with Microsoft® Systems Management Server (SMS) and Apple Remote Desktop™ (ARD) to provide enterprise-wide deployment

The toolkit creates a package that helps deploy the Creative Suite 4 edition or components installer at client machines using SMS or ARD. A package is a directory that contains the following files:

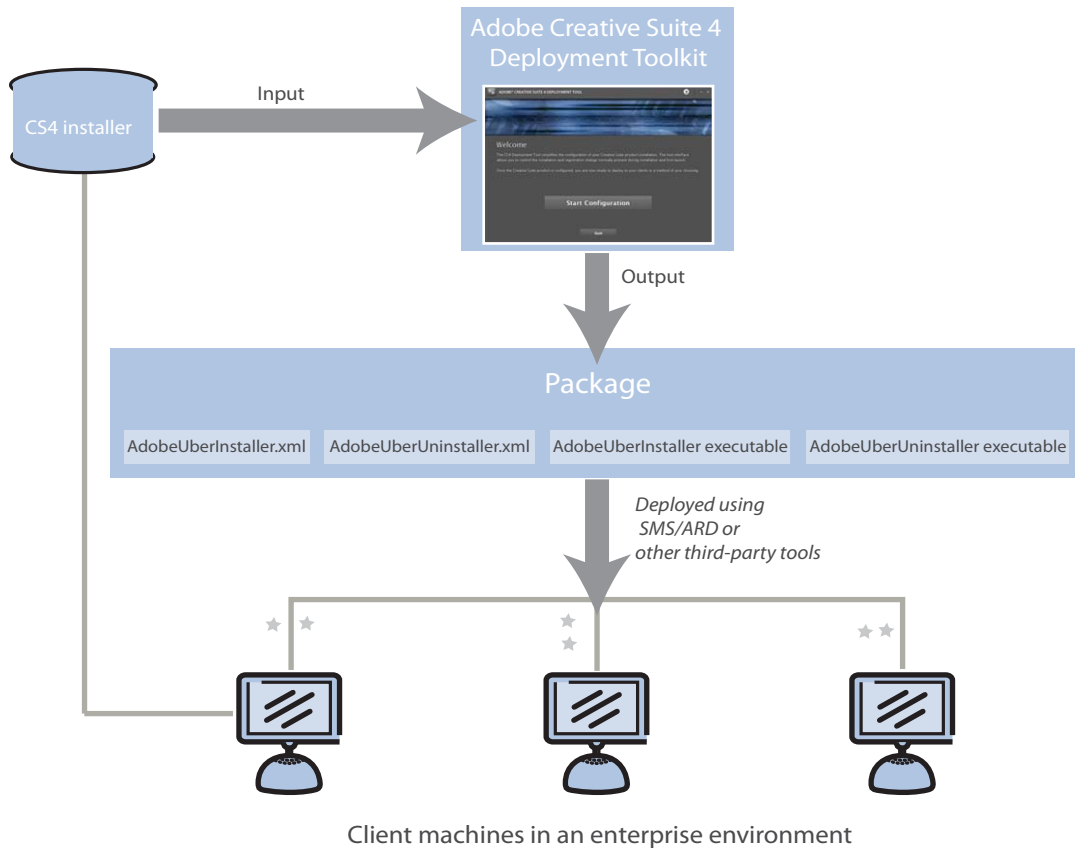
**Deployment files** The AdobeUberInstaller.xml and AdobeUberUninstaller.xml files contain the configuration information (products to install and location to install).

**Executable files** The AdobeUberInstaller and AdobeUberUninstaller executable files are used to silently install or uninstall Creative Suite 4 applications. The executable files use the configuration information specified in the deployment files when they are run.

The following Creative Suite 4 editions and components can be deployed using the toolkit:

- Adobe Creative Suite 4 Master Collection
- Adobe Creative Suite 4 Design Premium
- Adobe Creative Suite 4 Design Standard
- Adobe Creative Suite 4 Web Premium
- Adobe Creative Suite 4 Web Standard
- Flash® CS4 Professional
- Adobe® Premiere® Pro CS4
- Contribute® CS4
- Dreamweaver® CS4
- Illustrator® CS4
- InCopy® CS4
- InDesign® CS4
- After Effects® CS4
- Fireworks® CS4
- Soundbooth® CS4
- Photoshop® CS4 Extended
- Photoshop® CS4

- Adobe Creative Suite 4 Production Premium



*Creative Suite 4 Deployment Toolkit workflow*

## Create a single installer

If the installer spans in multiple discs, create a single installer.

- 1 Create a folder on your hard disk.
- 2 Insert Disc 1, and copy all the content of Disc 1 into the folder that you created.
- 3 Insert Disc 2, open the Payloads folder, and copy all its content.
- 4 Open the Payloads folder of the folder on your hard disk, and paste the copied content. If you get a message to overwrite the existing files, click Yes.
- 5 Open the Extension folder of Disc 2, if it exists, and copy all its content.
- 6 Open the Extension folder of the folder on your hard disk, and paste the copied content. If you get a message to overwrite the existing files, click Yes.
- 7 Repeat steps 3–6 for the remaining discs.

The new folder on your hard disk is the single installer and is used to create a package.

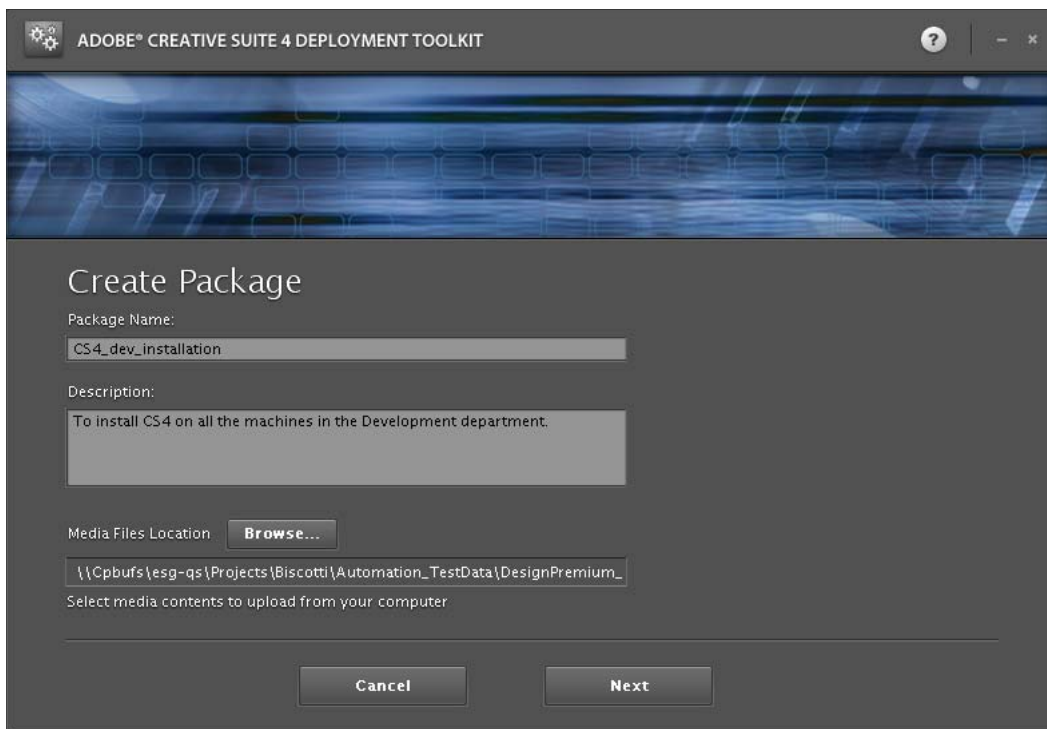
## Create the package

**1** Open Creative Suite 4 Deployment Toolkit. By default, it is installed at [System Drive]:\Program Files\Adobe\Adobe CS4 Deployment Toolkit in Windows®. In Mac®, it is installed at /Applications/Adobe CS4 Deployment Toolkit. If you installed it at a different location, open it from that location.

**Note:** Do not launch Creative Suite 4 edition or components setup while creating a package using Creative Suite 4 Deployment Toolkit.

**2** Click Start Configuration, and enter the following information:

- Name for the package. The package name can have characters that are supported in a folder name in the operating system.
- Description of the package.
- Location of the folder that contains the Creative Suite 4 edition and components installer. You can also select the installer from a network location (see [“Create a single installer” on page 2](#)).

The screenshot shows the 'Create Package' window of the Adobe Creative Suite 4 Deployment Toolkit. The window has a dark gray title bar with the text 'ADOBE® CREATIVE SUITE 4 DEPLOYMENT TOOLKIT' and standard window controls. Below the title bar is a blue header area with a grid pattern. The main content area is dark gray and contains the following fields: 'Package Name:' with the text 'CS4\_dev\_installation'; 'Description:' with the text 'To install CS4 on all the machines in the Development department.'; 'Media Files Location' with a 'Browse...' button and the path '\\Cpbufs\esg-qs\Projects\Biscotti\Automation\_TestData\DesignPremium\_'. Below the path is the text 'Select media contents to upload from your computer'. At the bottom are 'Cancel' and 'Next' buttons.

The Create Package Screen

**3** Enter the serial number. Only volume serial numbers are accepted. The serial number locale is verified against the installer locale. If the locales match, the locale is displayed in the Installation Language field. If the serial number is correct, a green check mark appears. If the serial number is incorrect, a red X appears.

**4** Specify the location where you want to install Creative Suite 4 edition or components at the client machines in the Installation Location field. You can select from the predefined installation location options. If you select Set Custom Path, enter the absolute path where you want to install the Creative Suite 4 edition or components. If you select System Drive, enter the path relative to the system root folder. The available number of characters allowed for the installation location path depends on the selected installer. The installation location cannot be a network location, root drive or volume, or mounted image (on Mac).

**5** Select any of the installation options based on your requirements:

**Suppress EULA** To disable the user agreement message at the first launch of the installed products.

**Suppress Registration** To disable the registration option on the client machine.


**Suppress Updates** To disable the update option and automatic launch of updater on the client machine.

**Configure for 64-bit Machine Also** To configure the installer (containing 64-bit payloads) for 64-bit systems. This option is available for Windows only and is visible only if the installer contains 64-bit-specific products. If you select this option, the Product Options 64-bit screen is displayed. Use this screen to select products for installation on 64-bit client systems.

**Ignore Client Processes** To ignore the processes running at the client machine that conflict with the Creative Suite 4 installation (see [“Conflicting processes” on page 10](#)).

***Note:** If you select this option and conflicting processes are running at the installation time, some products may not launch or install properly.*

**Delete installer after install** To delete the installer-specific files after installation and uninstallation from the client machine. The installer is deleted only if it is available locally on the client machine and the installation is successful. If the installer is located at a network location, it is not deleted.

**6** Select the products and the shared components that you want to install on the client machine. When you click the disclosure triangle (  ) before a product name, a list of shared components that the product recommends is displayed. When you click the disclosure triangle before a shared component, a list of products that recommend the shared component is displayed. The Total Size, displayed on the top, is calculated based on the selected products and components. (see [“Shared technology installers” on page 16](#)).

**7** On the Summary screen, the configuration summary and the output location of the package are displayed. Click Change to change the location of the package.

If video products are included in the package, check the system requirements of the selected products first. If you want to install products that are supported on Intel®-based Macintosh® only, create a separate package for Intel-based Macintosh clients.

## Additional deployment settings

After creating the package, you can configure manual deployment settings. Apply the settings before installation or uninstallation and then copy the files to the client machines.

### Disable Adobe Product Improvement Program

On Windows, set a registry entry with help of a .reg file:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Adobe\APIP] "enabled"=dword:00000000
```

On Mac, set a plist value in a shell script:

```
defaults write /Library/Preferences/com.adobe.headlights.APIP.Enabled -int 0
```

### Automatic updates for Acrobat 9

The installer does not contain a method to suppress updates for Acrobat® 9. However, you can write a custom script to suppress updates for Acrobat 9 by altering the following registry key at the completion of the installation:

```
HKEY_LOCAL_MACHINE\Software\Policies\Adobe\Adobe Acrobat\9.0\FeatureLockdown\bUpdater  
REG_DWORD 0
```

## Test package on administrator machine

If you want to test the package on a local system before beginning enterprise-wide deployment, run one of the following commands from the command prompt:

- To install Creative Suite 4 edition and components on Windows:  
`AdobeUberInstaller.exe`
- To uninstall Creative Suite 4 edition and components on Windows:  
`AdobeUberUninstaller.exe`
- To install Creative Suite 4 edition and components on Mac:  
`sudo ./AdobeUberInstaller`
- To uninstall Creative Suite 4 edition and components on Mac:  
`sudo ./AdobeUberUninstaller`

## Deploy Creative Suite 4 using Apple Remote Desktop

You can copy the package to each client machine using ARD and access the Creative Suite 4 installer locally or through a network shared location. Note the following restrictions:

- The permissions on the network shared location must allow a root process on the client to read.
- The network shared location must support the Apple® Filing Protocol (AFP). The Server Message Block protocol (SMB) or Network File System protocol (NFS) does not work.
- If a product has multiple disc images, create a single installer (see [“Create a single installer” on page 2](#)).
- If the product installer is available as a disc image, extract it. For local installation or uninstallation, copy the installer to the client machine. Ensure that the installer location specified in InstallerLocation tag of the AdobeUberInstaller.xml/AdobeUberUninstaller.xml file is same as actual installer location at the client machine.
- If you change the location of the installer (at the client machine), update the location of the installer in the InstallerLocation tag in the deployment files (AdobeUberInstaller.xml and AdobeUberUninstaller.xml).
- For network installation, copy the Creative Suite 4 installer to any network shared location.

Before deploying, ensure that ARD is enabled on all the client machines. You can use the Apple’s Upgrade Client software feature to upgrade all targeted clients. Verify that the package created using the Creative Suite 4 Deployment Toolkit exists and the path of the Creative Suite 4 installer is accessible to the client machines (in the case of network installation).

### Copy the package and Creative Suite 4 installer using ARD

- 1 Open ARD.
- 2 Select a Computer list, and verify the target clients in the Detailed view.
- 3 Click Copy.
- 4 In the Copy Items screen, select Set Item Ownership To in the Inherit From Destination Folder field.
- 5 In the Items To Copy list, navigate to and open the package created using the toolkit and click Copy.
- 6 If you want to copy the Creative Suite 4 installer on the client machines, repeat steps 2–5. This step is not required if the Creative Suite 4 installer is located at a network location.



## Run AdobeUberInstaller/AdobeUberUninstaller for installation or uninstallation

Installation is run on the client machine from the executable program that is located in the Setup.app application package.

- 1 In ARD, click the UNIX icon.
- 2 Enter the following UNIX® command:
  - To install if the Creative Suite 4 installer is located on the client machine  
`<Path to the package>/AdobeUberInstaller`
  - To install if the Creative Suite 4 installer is located on a network shared location  
`<Path to the package>/AdobeUberInstaller -server=<installer path at network shared location> -user=<username to access the shared location> -password=<password>`
  - To uninstall if the Creative Suite 4 installer is located on the client machine  
`<Path to the package>/AdobeUberUninstaller`
  - To uninstall if the Creative Suite 4 installer is located on a network shared location  
`<Path to the package>/AdobeUberUninstaller -server=<installer path at network shared location> -user=<username to access the shared location> -password=<password>`

All parameters are mandatory for Tiger 10.4 series client machines (if the Creative Suite 4 installer is located at a network location), and if the password is blank, it is optional for Leopard 10.5 series client machines.

**Note:** If any command line parameter contains special characters that are Shell interpreted, add "\" before such characters or enter values of the parameters in double quotes.

- 3 In the Run Command As area, select User, and type root.
- 4 To schedule the task at a later time, click Schedule Task, and enter a time and date. If you schedule installation, ensure that all the clients are active to receive the command.
- 5 Click OK, and then click Send.

The Send UNIX Command dialog box displays the status of installation or uninstallation. When installation finishes, the End Adobe Setup message is displayed with an exit code.

## Deploy Creative Suite 4 using Microsoft Systems Management Server

To deploy Creative Suite 4 using SMS, first create an SMS package and configure a distribution point. Then create the install and uninstall programs, and advertise the program to inform the clients about the installation. After SMS is configured, you can copy the Creative Suite 4 installer to client computers without user interaction.

Before deploying Creative Suite 4 using SMS, ensure that the following is done:

- Administrative permissions are obtained on all the target client machines.
- SMS is properly configured on the client machines.

### Create an SMS package

The SMS package contains the installation files, distribution point, programs used to install and uninstall Creative Suite 4, and instructions that SMS uses to advertise the installation.

- 1 Open the SMS console.
- 2 In the console tree, right-click Packages, click New, and then click Package.

- 3 In the Package Properties dialog box, on the General tab, enter package name (mandatory), language, version, manufacturer (optional).
- 4 Click the Data Source tab, and select This Package Contains Source Files.
- 5 In the Source directory, click Set.
- 6 In the Set Source Directory dialog box, in the Source directory, select Network Path if the installer is located on network location and specify the UNC path of the installer, such as \\servername\sharename\path\Adobe CS4. Select Local Path if the installer is located on local system where package is being created. Click OK.
- 7 In the Package Properties dialog box, click the Data Access tab, and ensure that Access Distribution Folder Through Common SMS Package Share is selected. Click OK.

## Create a distribution point

Use SMS to copy the package to the new distribution point.

- 1 In the SMS console, expand Packages in the console tree, and then expand the new Adobe package.
- 2 Right-click Distribution Points, click New, and then click Distribution Points.
- 3 In the New Distribution Points Wizard, assign the package to the desired distribution points.
- 4 Click Finish.

## Create the install and uninstall programs

- 1 In the SMS console, expand Packages, and then expand the new Adobe package.
- 2 Right-click Programs, click New, and then click Program.
- 3 On the General tab, specify the program name and from the command prompt, enter the following commands:
  - To install if the installer is located on the client machine  
`\AdobeUberInstaller.exe`
  - To install if the installer is located on a network shared location  
`<installer path> \AdobeUberInstaller.exe -user=<user ID> -password=<password> -server=<shared server location of the Creative Suite 4 installer>`
  - To uninstall if the installer is located on the client machine  
`\AdobeUberUninstaller.exe`
  - To uninstall if the installer is located on a network shared location  
`<installer path> \AdobeUberUninstaller.exe -user=<user ID> -password=<password> -server=<shared server location of the Creative Suite 4 installer>`
- 4 On the Environment tab, select Whether Or Not A User Is Logged On from the menu. Click OK.

**Note:** It is recommended that the Creative Suite 4 installer is kept at the same distribution point as the package created using Creative Suite 4 Deployment Toolkit. Although it is possible to keep the Creative Suite 4 installer at a network shared location, installation is not silent in such a case.

## Advertise the program

- 1 In the SMS console, expand Packages.
- 2 Right-click the Adobe package, click All Tasks, and then click Distribute Software.
- 3 On the Distribution Points page, verify the distribution point, and click Next.
- 4 On the Advertise A Program page, ensure that Yes is selected, and then click Next.
- 5 On the Select A Program To Advertise page, ensure that Install is selected, and then click Next.

- 6 On the Advertisement Target page, click Browse to locate the collection of clients where you want to advertise the program, for example, All Windows XP Systems, and click Next.
  - 7 On the Advertisement Name page, enter a name for the advertisement and any desired comments.
  - 8 Select other advertisement options, such as Advertisement Schedule and Assign Program, and click Finish.
- When the package is advertised, a notification is displayed on the Windows toolbar of the client machine indicating that a program is scheduled to run. If the installation is optional, clients can choose to install the package on the Add New Programs tab of the Add Or Remove Programs dialog box.
- 9 On the Environment tab, in Program Can Run, choose Whether Or Not A User Is Logged On from the menu. Click OK.
  - 10 Repeat steps 1–9 to advertise the uninstall program.

## Troubleshoot the Creative Suite 4 Deployment Toolkit

Error message	Cause and solution
A valid installer could not be found.	A valid installer is not selected in the Media Files box on the Create Package screen. Ensure that a valid installer is available at the selected location.
The serial number does not match the product or language selected, or it is not a volume serial number.	Verify the following for the serial number entered on the Installation Settings screen: <ul style="list-style-type: none"> <li>• It is correct.</li> <li>• Its locale matches the application locale.</li> <li>• It is a volume serial number.</li> </ul>
Package name is required to continue.	Enter a package name in the Name box on the Create Package screen.
The system root drive can't be selected for installation. Please enter a folder name.	The System Drive option is selected in the Installation Location field, but no path is specified. Product installation is not allowed in the system drive. Specify a folder name or path.
The location path for installation has not been specified.	Specify the installation path where you want to install the selected products.
The installer could not be parsed correctly.	The installer is an invalid Creative Suite 4 installer. Ensure that the installer path is complete. Ensure that the installer is not corrupt.
There was an error copying <PackageName>. Make sure the disk is not full or write protected.	Write access to the specified location is denied, or the disk is full. Grant the write access of the installation location or choose a different location.
This location already contains a folder named <packagename>. If the files in the existing folder have the same name as files in the folder CS4 Deployment Toolkit is creating, they will be replaced. Do you still want to continue?	The current package name exists at the specified location. Select Yes to overwrite the existing package or choose a different location.
Unable to find utilities at installed location. Re-install the application to fix the issue?	The Utilities folder is not present or it is renamed. Click OK to reinstall Creative Suite 4 Deployment Toolkit.
Package name does not permit special characters.	The package name contains characters that Windows or Mac does not support. Remove the special characters from package name.

Error message	Cause and solution
The Installation Location path is not valid.	The installation location name/path contains characters that the Windows or Mac folder name does not support.  Remove the special characters from the installation location name/path.
CS4 Deployment Toolkit Help file is not available. Re-install the application to fix the issue.	Ensure that the Help file is available in the ...Adobe\Adobe CS4 Deployment Toolkit\Resources\Documents\en_US folder. If necessary, reinstall the application or copy the Help PDF file from the product CD to the ...Adobe\Adobe CS4 Deployment Toolkit\Resources\Documents\en_US folder.
Help could not be launched. Adobe Reader is required to view Help. You may download it from <localized URL>.	The PDF reader is not available on the system.
Error occurred in opening help.	The Help file is available, but an error occurs in opening it.  Reinstall the PDF reader.

## Error codes

Error codes	Description
-1	The AdobeUberinstaller failed (before launching the installer)
0	Application installed successfully
1	Unable to parse command line
2	Unknown user interface mode specified
3	Unable to initialize ExtendScript
4	User interface workflow failed
5	Unable to initialize user interface workflow
6	Silent workflow completed with errors
7	Unable to complete the Silent workflow
8	Exit and restart
9	Unsupported operating system version
10	Unsupported file system
11	Another instance running
12	CAPS integrity error
13	Media optimization failed
14	Failed due to insufficient privileges
9999	Catastrophic error

## Log files

The log file (adobeccsdt.log) lists the important steps executed by AdobeUberInstaller and AdobeUberUninstaller executable files with the date and time details. In Windows, you can find it in the %temp% directory and in Mac, it in the /tmp directory.

# References

## Conflicting processes

Close the conflicting processes before running the AdobeUerInstaller or AdobeUerUninstaller executable files.

Product name	Conflicting processes
Adobe Acrobat 9 Pro	<p>Windows 32-/64-bit</p> <p>Adobe Acrobat, Distiller®, formdesigner.exe, TrustedInstaller.exe, EditPlus, adobe *acrobat.*, Microsoft Excel, Microsoft Outlook, Microsoft Access, Microsoft Publisher, Microsoft PowerPoint, nlnotes*.exe, Microsoft Visio, visio32.exe, winproj.exe, WinWord, MSN Messenger</p> <p>Mac OS X</p> <p>Reader®, Adobe Acrobat Pro, Microsoft Excel, Microsoft Outlook, Microsoft Word, acrobat.*, Distiller</p>
After Effects® CS4	<p>Windows 32-/64-bit</p> <p>Adobe® SING Glyphlet Manager CS3, Glyphlet Manager, Adobe® Audition®, Soundbooth® CS3, GoLive, afterfx.exe, pipitool.exe, resttool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Updater Install Manager, Adobe® DNG Converter, Adobe® Bridge CS3, bridgeproxy.exe, Adobe Photo Downloader, Contribute®, Adobe® Device Central, Dreamweaver®, Encore®, Photoshop®, Photoshop Elements, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe® Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks®, Flash®, Flash® Player, Flash® Video Encoder 7/8, ahv.exe, Illustrator®, InCopy®, InDesign®, pmreaderapp.exe, Adobe® Premiere® Pro, Adobe® Premiere® Elements, wmencodinghelper.exe, Adobe® Stock Photos CS3, vcprefshelper.exe, versioncues3ct1.exe, InDesign Server, InDesign Server Service, Phototshop® Elements 4.0/5.0, Phototshop Elements Editor, Photoshop Elements Organizer, ImageReady®, Adobe® Encore® DVD</p> <p>Mac OS X</p> <p>Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3, Photoshop CS*, After Effects®, Adobe Help Viewer®, ImageReady®, Photoshop Elements®, Adobe Resource Synchronizer, GoLive®, Adobe Updater®, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore®, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit®, Adobe Extension Manager, Fireworks®, Flash CS3, Flash, Flash Player®, install flash player 9 ub, Flash *Video Encoder, Illustrator®, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncues3ct1.exe, Adobe Audition, Adobe Premiere®</p>
Adobe Media Player	<p>Windows 32-/64-bit</p> <p>Adobe® Media Player</p> <p>Mac OS X</p> <p>Adobe Media Player</p>
Adobe Update Manager	Adobe Updater, Adobe Updater Installer Manager

Product name	Conflicting processes
Adobe Bridge CS4	Windows 32-/64-bit ahv.exe, bridge.exe, bridgeproxy.exe, Adobe DNG Converter, Adobe Photo Downloader, Adobe 3 DAND Video Server
Photoshop Camera Raw	Windows 32-/64-bit afterfx.exe, Adobe DNG Converter, Adobe Bridge, Adobe Photo Downloader, Photoshop Mac OS X Photoshop CS4, After Effects, After Effects CS4, Photoshop Elements, Adobe Bridge CS4, Adobe DNG Converter, Adobe Photo Downloader
Adobe Color Common Set CYMK	Windows 32-/64-bit firefox.exe, Adobe SING Glyphlet Manager CS3, Glyphlet Manager, Adobe Audition, Soundbooth CS3/CS4, GoLive, afterfx.exe, Shell, Adobe Update Manager, Adobe Updater, adobeupdater.exe, Adobe Update Install Manager, Adobe Updater Install Manager, Adobe DNG Converter, Adobe Bridge, bridgeproxy.exe, Contribute, Adobe Device Central, Dreamweaver, Encore*, encore*.exe, ExtendScript Toolkit*, Adobe Extension Manager, Adobe Crash Reporter App, Fireworks, Flash, Flash Player, Flash 7/8 Video Encoder, Flash Video Encoder, acrobat.exe, Illustrator, InCopy, InDesign, Photoshop, Adobe Premiere Pro, premiere.exe, Adobe Premiere Elements, Adobe Stock Photos CS3, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, Adobe Premiere Elements, ImageReady, Adobe Encore DVD, Adobe® OnLocation™, Adobe Extension Manager CS4, acrobat.exe, fireworks10.exe, acrobat.com.exe, robohtml.exe, RoboHelp®, FrameMaker®, Captivate®, rso3mddletierservice.exe, rso3server.exe, 3d toolkit.exe Mac OS X Firefox, Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3/CS4, Photoshop CS*, After Effects*, Adobe Help Viewer*, ImageReady*, Photoshop Elements*, GoLive*, Adobe Updater*, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter App, Shell, Contribute, ffxtnforcontribute3, Adobe Device Central, Dreamweaver, Encore*, Adobe Encore DVD, ExtendScript Toolkit*, Adobe Extension Manager, Fireworks*, Flash CS3, Flash, Flash Player*, install flash player 9 ub, Flash® CS3 Video Encoder, Illustrator*, InCopy CS*, InDesign CS*, InCopy CS*, InDesign CS*, InDesign Server, Adobe Audition, Adobe Premiere*, Adobe Acrobat*, Distiller*, Adobe OnLocation, Adobe Bridge CS4, Adobe Media Player, Adobe Drive CS4, Adobe Media Player
Adobe Color Common Set RGB	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color EU Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color EU Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color JA Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color JA Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox

Product name	Conflicting processes
Adobe Color NA Extra Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color NA Recommended Settings CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Adobe Color - Photoshop Specific CS4	Windows 32-/64-bit and Mac OS X Mozilla Firefox
Contribute CS4	Windows 32-/64-bit Contribute, Mozilla Firefox, Internet Explorer, WinWord, Microsoft Outlook, Microsoft Excel Mac OS X Contribute, ffextnforcontribute4, Safari*, Mozilla Firefox, firefox-bin
Adobe Device Central	Windows 32-/64-bit and Mac OS X Adobe Device Central
Dreamweaver CS4	Windows 32-/64-bit and Mac OS X dreamweaver.exe
Adobe Drive CS4	Windows 32-/64-bit and Mac OS X Adobe Drive CS4
Adobe Dynamic Link Support	Windows 32-/64-bit and Mac OS X Adobe Dynamic Link Manager, Process Coordination Server
Encore CS4	Windows 32-/64-bit Adobe SING Glyphlet Manager CS3, Glyphlet Manager, Adobe Audition, Soundbooth CS3, GoLive, ahv.exe, afterfx.exe, pipitool.exe, restool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Update Installer, Adobe DNG Converter, Adobe Bridge, bridgeproxy.exe, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash, Flash Player, Flash 7/8 Video Encoder, Flash Video Encoder, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop CS*, Adobe Premiere Pro, premiere.exe, Encore CS4, Adobe Premiere Elements, wmencodinghelper.exe, vcprefshelper.exe, Adobe Stock Photos, versioncues3Ctl.exe, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD Mac OS X Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta/CS3, After Effects, Adobe Help Viewer, ImageReady, Photoshop Elements, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Crash Reporter App, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash, Flash Player, install flash player 9 ub, Flash Video Encoder, Illustrator, InDesign CS*, InDesign Server, vcprefshelper, versioncues3ctl, Adobe Audition, Adobe Premiere

Product name	Conflicting processes
ExtendScript Toolkit CS4	Windows 32-/64-bit and Mac OS X ExtendScript Toolkit, ExtendScript Toolkit 2, ExtendScript Toolkit
Adobe Extension Manager CS4	Windows 32-/64-bit Adobe Extension Manager CS4 Mac OS X Adobe Extension Manager CS4
Fireworks CS4	Windows 32-/64-bit afterfx.exe, pipitool.exe, restool.exe, Shell, replace.exe, Adobe Crash Reporter, Fireworks 10, pmreaderapp.exe, wmencodinghelper.exe Mac OS X Adobe Crash Reporter, Shell, Fireworks*
Flash CS4	Windows 32-/64-bit Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe Bridge CS3, Adobe Bridge Proxy, Adobe Device Central, ExtendScript Toolkit, Adobe Extension Manager, Flash CS3/CS4/CS5, Flash Player, Flash Player 9 ub, Flash 7/8 Video Encoder, Flash Video Encoder, Internet Explorer, Mozilla Firefox, Netscape, mozilla.exe, yahoo~1.exe, Yahoo Messenger, Safari, Opera Mac OS X Adobe Updater, Adobe Bridge CS2/CS3, Adobe Bridge, Adobe Device Central, ExtendScript Toolkit, Flash CS3/CS4/CS5, Flash Player, Flash Player 9 ub, Flash 7/8 Video Encoder, Flash Video Encoder, Mozilla Firefox, firefox-bin, Netscape, Safari, Opera, Internet Explorer
Flash Player 10 Plugin	Windows 32-/64-bit getflash.exe, firefox.exe, opera.exe, netscape.exe, netscp.exe, seamonkey.exe, navigator.exe, safari.exe
Illustrator CS4	Windows 32-/64-bit Adobe Crash Reporter App, Illustrator
InDesign CS4	Windows 32-/64-bit InDesign, InCopy, InDesign Server, InDesign Server Service, Adobe Crash Reporter App, pmreaderapp.exe Mac OS X InCopy CS*, InCopy CS*, InDesign CS*, InDesign Server, Adobe Crash Reporter App
Adobe Creative Suite 4 Master Collection	Windows 32-/64-bit Adobe Acrobat, Distiller, Microsoft Excel, Microsoft Outlook, Microsoft Access, Microsoft Publisher, Microsoft PowerPoint, pdfmaec.exe, Microsoft Visio, winproj.exe, WinWord, Adobe Media Player Mac OS X Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Reader, Adobe Acrobat * Pro, Distiller



Product name	Conflicting processes
Adobe OnLocation CS4	<p>Windows 32-/64-bit</p> <p>Shell, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe Crash Reporter App, Adobe OnLocation</p> <p>Mac OS X</p> <p>Adobe Updater, Adobe Crash Reporter App, Adobe OnLocation</p>
Adobe Output Module	<p>Windows 32-/64-bit and Mac OS X</p> <p>Adobe Bridge CS2/CS3/CS4, Bridge Proxy</p>
Photoshop CS4	<p>Windows 32-/64-bit and Mac OS X</p> <p>Photoshop CS*</p>
Adobe Premiere Pro CS4	<p>Windows 32-/64-bit</p> <p>Adobe SING Glyphlet Manager CS3, Glyphlet Manager CS3, Adobe Audition, Soundbooth CS3, GoLive, ahv.exe, afterfx.exe, pipitool.exe, restool.exe, Shell, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe DNG Converter, Adobe Bridge, Bridge Proxy, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash CS3, Flash Player, Flash Player 7/8 Video Encoder, Flash Player Video Encoder, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop, Adobe Premiere Pro, Adobe Premiere, premiere.exe, Adobe Premiere Elements, Adobe Premiere Pro CS4, wmencodinghelper.exe, Adobe Stock Photos CS3, vcprefshelper.exe, versioncuecs3ct1.exe, InDesign Server, InDesign Server Service, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD</p> <p>Mac OS X</p> <p>Soundbooth, Adobe SING Glyphlet Manager CS3, Soundbooth Beta, Soundbooth CS3, Photoshop CS3, After Effects, Adobe Help Viewer, ImageReady, Photoshop Elements, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge, Adobe Crash Reporter, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffextnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash Player, install flash player 9 ub, Flash Player Video Encoder, Illustrator, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncuecs3ct1.exe, Adobe Audition, Adobe Premiere</p>

Product name	Conflicting processes
Soundbooth CS4	<p>Windows 32-/64-bit</p> <p>Adobe SING Glyphlet Manager CS3, Soundbooth CS3/CS4, Glyphlet Manager CS3, Adobe Audition, GoLive, ahv.exe, afterfx.exe, pipltool.exe, restool.exe, Adobe Update Manager, Adobe Updater, Adobe Update Install Manager, Adobe DNG Converter, Adobe Bridge CS2/CS3, Adobe Photo Downloader, Contribute, Adobe Device Central, Dreamweaver, Encore, Photoshop Server, pxhpinst.exe, ExtendScript Toolkit, Adobe Extension Manager, replace.exe, Adobe Crash Reporter App, Fireworks, Flash CS3, Flash Player, Flash Player 7/8 Video Encoder, Flash Player Video Encoder, ahv.exe, Illustrator, InCopy, InDesign, pmreaderapp.exe, Photoshop, Adobe Premiere Pro, Adobe Premiere, Soundbooth CS4, premiere.exe, Adobe Premiere Elements, wmencodinghelper.exe, Adobe Stock Photos CS3, vcprefshelper.exe, versioncues3ct1.exe, InDesign Server, InDesign Server Service, Opera, Photoshop Elements 4.0/5.0, Photoshop Elements Organizer, Photoshop Elements Editor, ImageReady, Adobe Encore DVD</p> <p>Mac OS X</p> <p>Soundbooth CS3/CS4, Adobe SING Glyphlet Manager CS4, Soundbooth Beta, After Effects, Adobe Help Viewer, ImageReady, Adobe Resource Synchronizer, GoLive, Adobe Updater, Adobe Bridge CS2/CS3, Adobe Crash Reporter App, Opera, Internet Explorer, Adobe Photo Downloader, Adobe DNG Converter, Shell, Contribute, ffxtnforcontribute3.exe, Adobe Device Central, Dreamweaver, Encore, Adobe Encore DVD, Photoshop Server, ExtendScript Toolkit, Adobe Extension Manager, Fireworks, Flash CS3, Flash Player, install flash player 9 ub, Flash Player Video Encoder, Illustrator, InCopy CS*, InDesign CS*, InCopy CS*, InDesign CS*, InDesign Server, vcprefshelper.exe, versioncues3ctl.exe, Adobe Audition, Adobe Premiere</p>
Adobe Version Cue® CS4 Server	<p>Windows 32-/64-bit and Mac OS X</p> <p>vcprefshelper.exe, versioncues3ct1.exe</p>
Adobe Color Video Profiles AE CS4	<p>Windows 32-/64-bit and Mac OS X</p> <p>Mozilla Firefox</p>
Adobe Color Video Profiles CS CS4	<p>Windows 32-/64-bit and Mac OS X</p> <p>Mozilla Firefox</p>
Adobe Media Encoder CS4	<p>Windows 32-/64-bit</p> <p>Adobe Media Encoder</p> <p>Mac OS X</p> <p>Adobe Media Encoder CS4</p>
Flash Player 10	<p>Windows 32-/64-bit and Mac OS X</p> <p>trustedinstaller.exe, EditPlus, firefox-bin, navigator-bin, Safari, Opera, seamonkey-bin</p>

## Shared technology installers

Each installer contains some subinstaller that installs shared and supporting components. The shared and supporting components can be required or recommended. Required components are selected by default. Recommended components are optional to install.

Component	Description
AIR 1.1 Runtime	Runtime environment for Adobe AIR™ version 1.1
Acrobat.com	AIR application for acrobat.com
Adobe Media Player	AMP product
Adobe Drive	Adobe Drive product
Adobe Media Encoder	AME product
Adobe Output Module	Export format utility
Adobe Bridge	Bridge product
CSXS Connect	Used to provide an in-application connection to Acrobat ConnectNow
CSXS HelpSearch	Needed to provide help to users in the application context for many applications
CSXS Kuler™	Kuler extension
Color CommonSet CMYK	Color profiles for CMYK color spaces
Color CommonSet RGB	Color profiles for RGB color spaces
Color Video Profiles AE	Color profiles for After Effects
Color Video Profiles CS	Other video-oriented color profiles
Creative Services Infrastructure	A mandatory component for CSXS and Adobe Drive that runs as background process. It is started on demand and shuts down automatically if it is not required
Adobe Device Central	Production and emulation of content for mobile phones and consumer electronic devices
ExtendScript ToolKit	Development and debugging tool for JavaScript scripts included with Adobe Creative Suites and applications, such as Bridge, Photoshop, Illustrator, InDesign, and After Effects. It is easier to use, and includes a built-in syntax checker that identifies the problem areas in your script and suggests a solution. It has the ability to run your scripts without saving the file
Adobe Extension Manager	Extension Manager product, used to manage extensions/plugins/settings across most CS applications. It is needed to support third-party extensions and CSXS extensions for Illustrator, InDesign, InCopy, Dreamweaver, Flash, Contribute, Fireworks, Photoshop, and Adobe Bridge
Flash Player Plug-in	Browser plug-in for executing SWFs
Pixel Bender™	Image processing toolkit
ALM Anchor Service	Licensing implementation, required for all point products to activate properly

Component	Description
Smart Independent Glyphets (SING)	Installs SING and TIN libraries in [AdobeCommon]\SING\Mark II. Adobe SING Glyphet Manager, InDesign, and InCopy share the SING library. The SING library is responsible for tracking glyphs into and out of the system. InDesign and InCopy call the TIN library and it is responsible for adding glyphs to the parent fonts. SING is a required component for InDesign and InCopy in all languages to open and modify the documents that have embedded glyphs
Adobe SING Glyphet Manager	Installed only with Traditional Chinese, Simplified Chinese, Japanese, and Korean versions of InDesign. It is the application to enable viewing characters of these languages
AUM	Update manager
Adobe Utilities	Collection of files necessary for the ExtendScript Toolkit and AUM, including determining correct language
Asset Services	Runs as a background process and generates thumbnail and extracts metadata for Version Cue Server
CMaps	Character mapping tables, necessary for correct font behavior
Photoshop Camera Raw	Camera raw plug-in for Photoshop and Adobe Bridge
Color * Extra Settings	Extra color profiles for the given region (North America, Japan, European, and others)
Color * Recommended	Recommended color profiles for the given region
Default Language	Used to determine the default language for Adobe Bridge and Adobe Device Central
Dynamic Link Support	Support for the Dynamic Link feature in video and audio applications. All the products that install any of the audio and video products (Enc, PPro, AE, SB, AME) install Dynamic Link Support
Fonts	Collection of bundled fonts
Linguistics	Lilo data files. Installs spelling and hyphenation data files that the Lilo component uses.
Linguistics WinSoft Plug-in	WinSoft Lilo plug-in data/Program Files. Installs spelling and hyphenation data/Program Files for a Lilo plug-in that the Lilo component uses optionally
PDFL	PDF support used across many products
PDF Settings	PDF creation settings
SING	Glyphlet management for Asian locales
Type Support	Type support for many products
XMP Panels	Display XMP metadata
CSXS Service Manager Extension	Provides a panel in several point products that allows users to log in to <a href="http://www.adobe.com">www.adobe.com</a> to access CSXS services. It is a required component