

Chaining Together Acrobat/Reader 7.0 to 7.0.3 for Enterprise Deployment

1.0 Introduction

This informal technical note provides directions on how to use Adobe's MSI Setup.exe bootstrapper installer to "chain" together installations of Adobe Acrobat/Reader 7.0, 7.0.1, 7.0.2 and 7.0.3.

2.0 Background

PLEASE READ THIS DOCUMENT COMPLETELY BEFORE ATTEMPTING TO CREATE A CHAINED INSTALLER. THIS DOCUMENT IS PROPRIETARY INFORMATION OF ADOBE SYSTEMS, INCORPORATED; DO NOT DISTRIBUTE WITHOUT PRIOR PERMISSION.

This note applies to Windows XP and Windows 2000, the supported platforms for Acrobat/Adobe Reader 7.0, 7.0.1, 7.0.2 and 7.0.3. These procedures have been tested with Acrobat and Adobe Reader 7.0, 7.0.1, 7.0.2 and 7.0.3, for English, French, German, and Japanese versions of the product. Non-EFGJ languages should also work, but have not been explicitly tested.

We assume that an IS professional is creating an installer package for enterprise-wide deployment purposes. This process can be used when there is a copy of Adobe Reader 6.0 for Windows present on the system, so that a version of Adobe Reader 6 and a version of Acrobat 7 can coexist on the same machine. We assume that any Pre-Release Beta Acrobat software has been removed from the machine being used to create the chained installer.

We assume that the IS professional deploying this package is familiar with the following technologies:

1. Windows MSI installers.
2. Enterprise deployment tools, such as Microsoft SMS or IBM Tivoli Software Distribution.

3.0 Chained Installation Instructions

Adobe's Acrobat/Adobe Reader bootstrap installer is a Windows Installer; as such, chaining updates on "simple" configurations (no Acrobat/Adobe Reader 7.0 version previously installed) is relatively easy. More complicated installations, where older versions of the product need to be removed, are not addressed in this document.

We address two types of installation in this section: "silent installs", with no user intervention, and "UI installs", where user intervention is required.

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Adobe supplies with its updates a bootstrap installer consisting of two files: setup.exe and setup.ini. The process of “chaining” updates together consists of modifying the setup.ini file to pick up the update versions that you want installed.

IMPORTANT NOTE: These instructions apply only to setup.exe, version 3.0.0.0 (right click on the file and look at its properties to see the version number). If you do not have version 3.0.0.0, chaining will fail. The version 3.0.0.0 setup.exe and setup.ini can be downloaded from:

<http://www.adobe.com/support/downloads/detail.jsp?ftplD=3103>

The first step in setting up a chained installation is to put everything in a common location. Begin by creating a folder to store the installer setup.exe and setup.ini files, as well as the installer folders you want to install.

For example, if you are doing a chained installation of 7.0/7.0.1/7.02/7.0.3, create a folder called “INSTALL7X”. This folder would then contain the following:

1. setup.exe
2. setup.ini
3. ACRO7 (a folder containing the 7.0 installer)
4. ACRO701 (a folder containing the 7.0.1 update installer)
5. ACRO702 (a folder containing the 7.0.2 update installer)
6. ACRO703 (a folder containing the 7.0.3 update installer)

Now, use a text editor (like Notepad) to modify the setup.ini file to include site-specific information. The default setup.ini file looks like this:

1. [Startup]
2. CmdLine=/sALL

3. [Product1]
4. Launch=msi
5. msi=.\ACRO7\AcroPro.msi
6. CmdLine=ISX_SERIALNUMBER=xxxx-xxxx-xxxx-xxxx-xxxx-xxxx

7. [Product2]
8. Launch=self_exe
9. exe=.\ACRO701\Acro-Reader_701_Update.exe
10. ProductName=Adobe Acrobat 7.0.1 and Reader 7.0.1 Update
11. ProductCode={AC76BA86-0000-7EC8-7489-000000000702}
12. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
13. CmdLine=
14. Require=Product1

15. [Product3]
16. Launch=self_exe
17. exe=.\ACRO702\Acro-Reader_702_Update.exe
18. ProductName=Adobe Acrobat 7.0.2 and Reader 7.0.2 Update
19. ProductCode={AC76BA86-0000-7EC8-7489-000000000703}
20. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
21. CmdLine=
22. Require=Product2

23. [Product4]

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```
24. Launch=self_exe
25. exe=.\ACRO703\Acro-Reader_703_Update.exe
26. ProductName=Adobe Acrobat 7.0.3 and Reader 7.0.3 Update
27. ProductCode={AC76BA86-0000-7EC8-7489-000000000704}
28. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
29. CmdLine=
30. Require=Product3
31. IncludeIfSilent=Yes
```

Customizing this file consists of changing the following lines:

1. the location of the 7.0 msi file (line 5)
2. the site's serial number (line 6)
3. the location of the 7.0.1 update installer (line 9)
4. the location of the 7.0.2 update installer (line 17)
5. the location of the 7.0.3 update installer (line 25)
6. whether the installation is "silent" (no user intervention) or not (line 31)

If you are installing Adobe Reader, change line 5 to:

```
"msi =.\Acro7GM\Adobe Reader 7.0.msi"
```

Similarly, make changes for Acrobat Standard in this line. You do not have to change the names of the update installers, since they apply to both Acrobat Pro/Std and Adobe Reader.

If you are doing a "UI" installation, modify line 2 to take out the "/sALL". It should read:

```
"CmdLine="
```

Appendix A, Table 1, provides a list of Product Names, Product Codes and Upgrade Codes for the 7.0.1, 7.0.2 and 7.0.3 Updates.

3.1 Setting the Default Installation Language

If the target installation is not English, and the Acrobat 7.0 folder contains a *.mst file, you should apply the language specific transform file (MST, the *.mst file) for the target language. The transform files are of the format "LanguageCode.mst", e.g., "1036.mst" for French.

For example, if you are deploying the French Adobe Acrobat Professional product, line 6 of the sample setup.ini file in Section 3 should be changed to read:

```
6. CmdLine=TRANSFORMS="1036.mst" ISX_SERIALNUMBER=xxxx-xxxx-xxxx-
xxxx-xxxx-xxxx
```

Appendix A, Table 2, provides a list of language codes for the standard 16 languages into which Adobe Acrobat and Adobe Reader is supported.

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4.0 Upgrading Adobe Elements 7.0

The procedure for upgrading Adobe Elements 7.0 is similar to that for upgrading Adobe Reader, except that you need to launch the Elements installer after launching the Reader installer.

Proceed as in Section 3.0 by creating a new folder for the upgrade installer and placing all the products in it, including Elements 7.0. Edit the default setup.ini to include site-specific information. The setup.ini is listed below.

```
1. [Startup]
2. CmdLine=/sALL

3. [[Product1]
4. Launch=msi
5. msi=.\ACRO7_RDR\Adobe Reader 7.0.msi

6. [Product2]
7. Launch=msi
8. msi=.\ACRO7_ELM\Elements.msi
9. CmdLine=ISX_SERIALNUMBER=xxxx-xxxx-xxxx-xxxx-xxxx-xxxx
10. Require=Product1
11. NotRequire=DISABLEREADER=1
12. IncludeIfSilent=Yes

13. [Product3]
14. Launch=self_exe
15. exe=.\ACRO701\Acro-Reader_701_Update.exe
16. ProductName=Adobe Acrobat 7.0.1 and Reader 7.0.1 Update
17. ProductCode={AC76BA86-0000-7EC8-7489-000000000702}
18. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
19. CmdLine=
20. Require=Product1

21. [Product4]
22. Launch=self_exe
23. exe=.\ACRO702\Acro-Reader_702_Update.exe
24. ProductName=Adobe Acrobat 7.0.2 and Reader 7.0.2 Update
25. ProductCode={AC76BA86-0000-7EC8-7489-000000000703}
26. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
27. CmdLine=
28. Require=Product3

29. [Product5]
30. Launch=self_exe
31. exe=.\ACRO703\Acro-Reader_703_Update.exe
32. ProductName=Adobe Acrobat 7.0.3 and Reader 7.0.3 Update
33. ProductCode={AC76BA86-0000-7EC8-7489-000000000704}
34. UpgradeCode={AC76BA86-FFFF-AC7E-0000-87DA8E000000}
35. CmdLine=
36. Require=Product4
37. IncludeIfSilent=Yes
```

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Customizing this file consists of changing the following lines:

1. the location of the Adobe Reader 7.0 msi file (line 5)
2. the site's Elements serial number (line 9)
3. the location of the 7.0.1 update installer (line 15)
4. the location of the 7.0.2 update installer (line 24)
5. the location of the 7.0.3 update installer (line 31)
6. whether the installation is "silent" (no user intervention) or not (line 37)
(alternatively, you can remove the "/sAll" switch in line 2)

Appendix A

Table 1 - Product Names, Product Codes and Upgrade Codes

Product Name	Product Code	Upgrade Code
Adobe Acrobat 7.0.1 and Reader 7.0.1 Update	AC76BA86-0000-7EC8-7489-000000000702	AC76BA86-FFFF-AC7E-0000-87DA8E000000
Adobe Acrobat 7.0.2 and Reader 7.0.2 Update	AC76BA86-0000-7EC8-7489-000000000703	AC76BA86-FFFF-AC7E-0000-87DA8E000000
Adobe Acrobat 7.0.3 and Reader 7.0.3 Update	AC76BA86-0000-7EC8-7489-000000000704	AC76BA86-FFFF-AC7E-0000-87DA8E000000

Table 2 - Language Codes

Language	Language Code
ENU English	1033
CHS Chinese – Simplified	2052
CHT Chinese – Traditional	1028
JPN Japanese	1041
KOR Korean	1042
ITA Italian	1040
DAN Danish	1030
DEU German	1031
ESP Spanish	1034
FRA French	1036
NOR Norwegian	1044
NLD Dutch	1043
PTB Portuguese (Brazilian)	1046
SUO Finnish	1035
SVE Swedish	1053

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