



Technical Note gDoc 401

MSI installer

Introduction

The gDoc MSI installer enables command line installation of gDoc Fusion and gDoc Creator without user intervention. System administrators can script the installer to manage installation, maintenance and removal of gDoc products across a large organization or enterprise.

The gDoc installation includes some prerequisites, some of which are bundled with the gDoc software in a single executable.

The Microsoft XML Paper Specification Essentials Pack and Microsoft .NET Framework redistributable package is required when using gDoc on Windows XP and Windows Server 2003 operating systems. For 32-bit installers these items are not installed by gDoc and must be downloaded from the Microsoft web site. For 64-bit installers the Microsoft XML Paper Specification Essentials Pack is installed, if it is missing, but the .NET Framework redistributable package must be downloaded from the Microsoft website.

German Windows XP operating systems require Microsoft .NET framework 3 or above which is not included.

Executables are available for the following setups:

32 bit English

32 bit German

64 bit English

64 bit German

The name of the installer executable is different according to the language and 32/64 bit support. For simplicity, the rest of this document will refer to the installer as `set.up.exe`.

NOTE: *If a 64-bit installer is run on a 32-bit platform in GUI mode, a system error message is displayed indicating the incorrect processor. If, however, a 32-bit installer is run on a 64-bit machine, there is no processor error because 32-bit products are generally supported on 64 bit machines. Therefore care should be taken to ensure that the correct installer is used. If a 32-bit MSI installer is run on a 64-bit platform, all the prerequisites are installed before the error is displayed. This occurs because the MSI installer always installs the prerequisites before any custom code/checks.*

An .exe file is provided (rather than a .msi) because the .msi and the prerequisites are combined within setup.exe.

How to run the MSI installer

The preferred way to run the installer is through command line options. It can also be run through the GUI.

NOTE: *The MSI user interface is primitive when compared to the standard InstallShield installer. If you are installing on a single system it is recommended that you use the desktop installer.*

The MSI installer can be run through command line as follows:

```
setup.exe [options] [options]..
```

Where,

```
setup.exe
```

Is the name of the MSI installer.

```
[options]
```

Are the command line options for the installer.

For example,

```
setup.exe /S /V"/qn"
```

where,

```
/S
```

Installs the package in silent mode. This will hide the initialization dialog and progress bar. Note that the initialization dialog is displayed before the installation wizard dialogs.

NOTE: *When using the MSI installer in silent mode no warnings are displayed with regard to low disk space. Therefore, you must ensure that the disk space requirements are met before running the installer.*

```
/V
```

These parameters are passed to gDoc.msi which is embedded in setup.exe.

```
/qn
```

Disables the GUI during the installation. That is, it hides all the dialogs of the installation wizard.

This command will launch the windows installer in GUI-less mode. The software will be installed in the default folder.

Similarly,

```
setup.exe /S /x /V"/qn"
```

Will launch the uninstallation in GUI-less mode.

Where,

`/X`

Is used to completely uninstall the product.

In general, the in-built options for the MSI installer can be viewed using:

```
setup.exe /?
Msiexec.exe /?
```

NOTE: The options for `Msiexec.exe` are passed under `/V`.

Installing at a user defined location

To install at the user defined location use:

```
setup.exe /S /V"/qn INSTALLDIR=<valid_path>"
```

`INSTALLDIR`

Is a variable for user defined location.

NOTE: Any spaces in the path must be escaped.

For example:

```
setup.exe /S /V"/qn INSTALLDIR=\"C:\Program Files\ABC\""
```

Entering the license key for gDoc

Use the following command to enter the license key:

```
setup.exe /S /V"/qn ISX_SERIALNUM=<serial_key> INSTALLTYPE=1"
```

Where, `<serial key>` is your serial number.

This command line installs the software in silent (GUI-less mode) and the serial key is retained.

When installing in GUI mode, and you have a serial number, you should select the **I have a license key...** radio button.

NOTE: If the parameter `ISX_SERIALNUM` is not provided, the product is installed in evaluation mode.

Entering custom parameters

In addition to the in-built MSI options, support is provided for some custom options for the gDoc MSI installer:

```
setup.exe /S /V"/qn FILEASSOC=1 INTEGRATEIE=1
DESKTOPSHORTCUT_CREATOR =1 DESKTOPSHORTCUT_FUSION =1"
```

FILEASSOC

Is used for associating the product with PDF and XPS files.

- 0 denotes that file association is not required.
- 1 denotes that the file association is required.

INTEGRATEIE

Is used for integrating gDoc with Internet explorer browser.

- 0 denotes that browser integration is not required.
- 1 denotes that browser integration is required.

DESKTOPSHORTCUT_CREATOR**DESKTOPSHORTCUT_FUSION**

Creates desktop shortcut for the product.

- 0 denotes that desktop shortcut is not required.
- 1 denotes that desktop shortcut is required.

Limitations

This section describes limitations with the installer:

Upgrade path is not supported. The uninstall must be performed using the Add/Remove programs or using the command line.

Due to limitations of the underlying installer technology, Office Add-ins cannot be installed using the product MSI installer. The Office Add-ins must be separately installed. The MSI installer deploys Office Add-in MSI files in <INSTALLDIR>\AddinInstallers. The Office Add-in installers must be run individually.

Office Add-in MSI installers

There are separate installers for Microsoft Word, Excel and PowerPoint applications. The installer includes both the an English and German language variant which is decided at runtime by the operating system locale settings.

Office 2003

MS Word

gDocWord2003AddInSetup.msi

MS Excel

gDocExcel2003AddInSetup.msi

MS PowerPoint

gDocPowerPoint2003AddInSetup.msi

Office 2007

MS Word

gDocWord2007AddInSetup.msi

MS Excel

gDocExcel2007AddInSetup.msi

MS PowerPoint

gDocPowerPoint2007AddInSetup.msi

Notes

Office 2003/2007 must be installed before any attempt is made to run these installers.

The Office Add-ins should be installed after installing the main product.

If Office Add-ins are already installed, they must be uninstalled before uninstalling the main product.

Installing the Office Add-ins

The Excel 2003 Add-in, for example, can be installed in the following way:

```
MsiExec.exe /i gDocExcel2003AddinSetup.msi TARGETDIR="
C:\Program Files\Global Graphics\gDoc\Addins\Excel\2003" /qn
ARPSYSTEMCOMPONENT=1
```

TARGETDIR

Is the directory to deploy the Add-in files. This is an optional value.

/qn

Is the option to disable the GUI during installation. You can use various options like /qb (bare minimum GUI) and so on. Use MsiExec.exe /? (help) for more details.

ARPSYSTEMCOMPONENT

Is used to pass the parameter to disable the entry in Add/Remove programs.

All the other Office Add-in installers can be run using similar commands.

For example:

```
MsiExec.exe /i gDocWord2007AddInSetup.msi TARGETDIR="
C:\Program Files\Global Graphics\gDoc\Addins\Word\2007" /qn
ARPSYSTEMCOMPONENT=1
```

Uninstalling the Office Add-ins

Use the following to uninstall the Excel Office 2003 Add-ins (for example):

```
MsiExec.exe /x gDocExcel2003AddinSetup.msi /qn
```

The above command will uninstall the Add-ins from whatever path it is installed.

Change history		
Document Issue: 111	July 2010	Update system requirements and entering the license key details.
Document Issue: 107	August 2009	Add disk space note when using silent mode.
Document Issue: 106	May 2009	New document.



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