Teamstudio®

Software Engineering Tools for IBM Lotus Notes® and Domino®

Installation Guide

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Installing Teamstudio Tools

Before You Begin

Review System Requirements

Teamstudio Client has the following system requirements:

- Microsoft Windows XP, Windows Vista, and Windows 7 versions supported by Notes on Intel platforms

- IBM Lotus Notes Release 6.x, 7.x, 8.x, or 9.x

- Approximately 50 MB of hard disk drive space

- Sufficient RAM to run IBM Lotus Notes

- Administrator rights on your computer with write access to the Notes program folder

Teamstudio CIAO! Server has the following system requirements:

- Windows Server versions supported by Domino 6 through 8.x

- Domino 6 through 9.x (32 or 64 bit)

Teamstudio Profiler Server has the following system requirements:

- Windows Server versions supported by Domino 6 through 9.x

- Domino 6 through 9.x (32 bit)

Before You Install on Notes 6.x, 7.x, or 8.0.x

Confirm the following so your installation can run properly:

- Your system meets or exceeds the minimum system requirements

- Microsoft Windows has been installed correctly

- IBM Lotus Notes has been installed correctly

Note	The Analyzer Filters database included in this release is **deanfltr.ntf**.
	If you are using deanfltr.ntf and have changed it in any way, you must save it to another file name before you install this release. Otherwise, you will lose your changes or customizations.
	To upgrade your filters database:
	1. Make a copy of your current Analyzer Filters Database (**deanfltr.nsf** or **deanfltr.ntf**).
	2. Create a new database (**File > Database > New**) and name it **deanfltr.nsf** and then select the Analyzer Filters Template from the template box.
	3. Click **Yes** when Notes asks you if you want to overwrite the existing one. (It's ok, you've made a copy.)
	4. Copy all your custom filters from your old database into this new database.

Before You Install on Notes 8.5.1 or 9.0

If you have Notes 8.5.1 Basic, please contact Teamstudio Technical Support to get the correct installation program and instructions.

Before you install on Notes 8.5.1 or 9.0, remove your previously installed version of Teamstudio tools. Right-click the widget and select **Remove**. See "For Notes Versions 8.5.1 and Above," on page 23 for product removal instructions.

If you have Windows 7 or Vista, disable the User Account Control feature or, if you have an administrator password, run the browser "as administrator" by right-clicking the browser shortcut and selecting **Run as administrator**.

Ensure you have write access to the Notes program and data folders.

Installing Server-based Modules

Optionally, you can install CIAO! and Profiler Server Editions onto each Domino server.

Server Tool	Why Install?
CIAO! Server	Provides additional features, for example, preventing design changes made by any process or by someone other than the developer who checked the design element out.
Profiler Server	Tests the performance activity of a scheduled agent or a web agent.

Windows Installation Procedure

Before you begin, make sure of the following:

- You have purchased a license for each server you want to install on.
  CIAO! and/or Profiler Server Editions are licensed per Domino server.

To install CIAO! Server Edition

1. Copy the files:

    a. Put the nhkciao.dll and nhkciao.sym (32-bit only) files into the server's exe directory (same as nserver.exe)

    b. Put ciaologf.ntf and ciao.ntf into the data directory.

2. From a notes client create the following databases on the server using the templates on that server.

    CIAO\CIAOConfig.nsf (Template: Teamstudio CIAO! Configuration)

    CIAO\CIAOLog.nsf (Template: Teamstudio CIAO! Log File)

3. Add the serial key:

    a. Create a file called teamstudio.ini in the data directory of the server and add the following lines:

    [CIAO]
    HKCIAOKey=xxxxx-xxxxx-xxxxx,xx-xxxxx
    CIAOConfigDb=CIAO\CIAOConfig.nsf

Where the xxx are the license and serial number

4. Edit your notes.ini to add/modify the following lines:

NSF_HOOKS=hkciao

Restart the Domino server.

If you see lines similar to this:

CIAO Server Hook started - (SERVER). (HKCIAO Edition 25 build xxxxx)

CIAO Server Hook: Using Configuration File: CIAO\CIAOConfig.nsf

You know that CIAO Server Hook is running.

To install Profiler Server Edition

1. Copy the files:

    a. Put the nhkprofile.dll and nhkprofile.sym files into the server's exe directory (same as nserver.exe)

    b. Put profile.ntf and tmslogs.ntf into the data directory.

2. From a Notes client create the following database on the server using the template on that server.

    Teamstudio\ProfilerConfig.nsf (Template: Teamstudio Profiler Configuration)

3. Add the serial key as follows:

    a. Create a file called teamstudio.ini in the data directory of the server.

    b. Add the following lines:

    [Profiler]

    HKPROFKey=xxxxx-xxxxx-xxxxx,xx-xxxxx

    ProfilerServerConfig=Teamstudio\ProfilerConfig.nsf

    Where the xxx are the license and serial number

4. Edit your notes.ini to add/modify the following line:

    NSF_HOOKS=hkprofile

5. Restart the Domino server.

    If you see lines like the following, then you know that Profiler Server Hook is running:

    (namgr) - Profiler Server Hook started. (HKPROFILE Edition 25 build xxxxx)

    Profiler Server Hook: Using Configuration File: Teamstudio\ProfilerConfig.nsf

Installing Client-based Modules

Client-based modules include:

- Analyzer
- CIAO!® Client Edition
- Configurator
- Delta
- Design Manager
- Profiler
- Undo
- Validator

You install client tools on each developer's workstation. Teamstudio distributes client components in Notes databases and, for Notes version 8.5.1 and 9, using Notes Widgets.

Note	When you install Undo, Snapper is automatically removed from your system. Please see the Teamstudio Edition 25 Release Notes before you install Undo.

You should first install the CIAO! and Profiler server components on a Notes/Domino server. See "Installing Server-based Modules," on page 3 for details.

Installing Teamstudio Client

To install Teamstudio tools on Notes versions 6.x, 7.x, or 8.0.x

You install the client tools on any Notes client that has access to the server, by opening the client installation database and following the on-screen instructions.

1. From the Teamstudio website, download **Install.nsf** to your computer.

2. From a Notes client, optionally Click **File > Database > New Copy** to copy **install.nsf**

onto a Domino server that is accessible to the users who need to install the product.

To install for a single client, copy the Install database to the local Notes data directory.

Note	Because Teamstudio client-based tools are licensed per user (developer), be sure that, for each tool you install, you have purchased a license for each user.

3. From a client workstation, open the installation database.

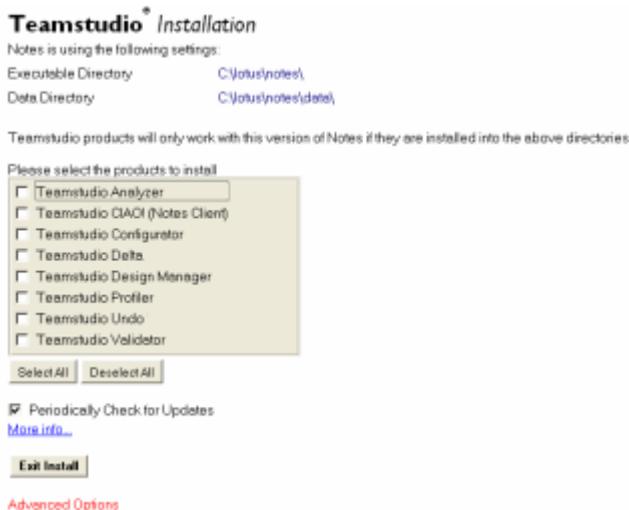   You see the Teamstudio for Notes Installation Database window.

4. Click **Next** to continue.

    You see the license agreement.

5. Read the license agreement carefully. If you accept the terms of the agreement, click
    OK to continue.

    You see the following window.

6. Check that the values of the Executable Directory and the Data Directory are correct.

Notes	
	• If these fields are not correct, Notes may not be installed properly, or you may have more than one version of **notes.ini** on your path.
	• Your copy of **notes.exe** must be located in the directory listed in the Executable Directory field for Teamstudio tools to run.
	• Even if your PC has a c:\notes directory, you must confirm the location of your copy of **notes.exe**.
	• If you run Notes from a networked file server, you need write access to the drive/directory on which Notes is installed or your system administrator should install Teamstudio software for you.

7. Select the check boxes for the tools you want to install.

    As you select each check box, you see one or more collapsed sections with installation options for each product.
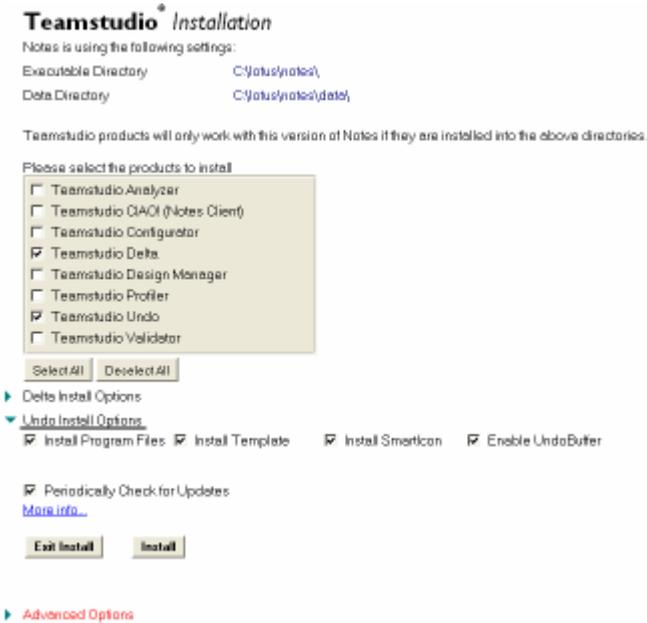
8. Click the twistie to expand a section.

The following table describes the Installation check boxes:

Check box	Applies to	Description
Install Program Files	All tools	Select this check box to install the Dynamic Link Library (DLL) and executable (exe) files needed to run the module(s) you are installing. The files must be installed into the same directory as **notes.exe**.
Install Template(s)	Analyzer Configurator Delta Design Manager Profiler Validator CIAO! Undo	When Analyzer, Configurator, Delta, Design Manager, Profiler and Validator create an output database, they base the design on a database template. When you select this check box, the installation utility installs the template(s) into your local Notes data directory. Before you can use CIAO!, you must create two Notes databases for CIAO!. Select this check box to install the Notes templates that those two databases are based on.
Enable Hook	CIAO! Profiler	CIAO! and Profiler monitor calls that the Notes client makes to read and write Notes design elements. Leave this check box selected unless you know exactly what you are doing.
Enable Undo Buffer	Undo	Leave this check box selected to use the Undo feature.
Install SmartIcon	All tools	Each tool is activated from a SmartIcon on your Notes desktop. Select this check box to install the necessary files and automatically add the SmartIcon(s) to the IBM Lotus Notes Universal SmartIcon set.

Tip	When you install Teamstudio tools for a group of users who share a copy of Notes installed from a file server, you must install Teamstudio modules into the directory on that server where you find **notes.exe**.

9. Check the options you want and click **Install** to continue.

   If you are already running a Teamstudio product, you may see the following message.
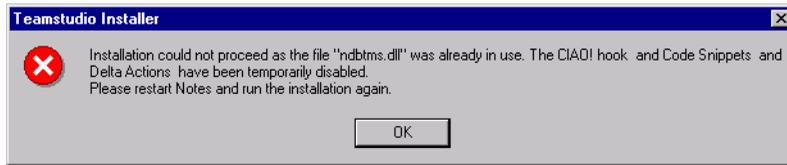
Note	If you see this message, you must exit and restart the Notes client. Make sure that the first thing you do when Notes starts up again is to re-run the installation procedure.

When the installation procedure completes successfully, you see the following message.
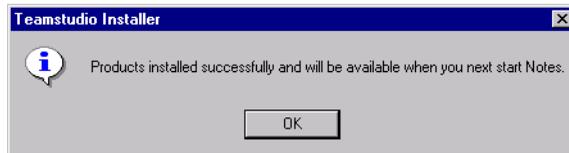
10. To complete this installation, exit and restart Notes.

   You see the Teamstudio toolbar.

To install Teamstudio tools on Notes version 8.5.1 or 9.x

1. If not already displayed, display the Widget Toolbar and the My Widgets sidebar panel.

Note	You use the My Widgets sidebar panel to quickly and easily install and remove programs. You cannot actually start the programs from the My Widgets sidebar panel.

    a.   From the Notes **File** menu, click **Preferences**.
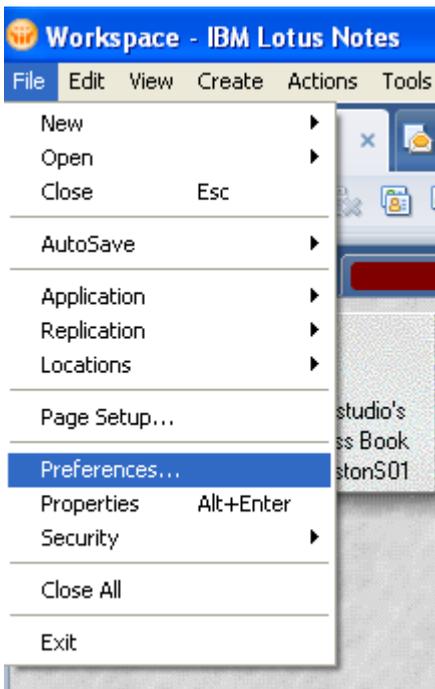
You see the **Preferences** window.

b.   Click **Widgets**.
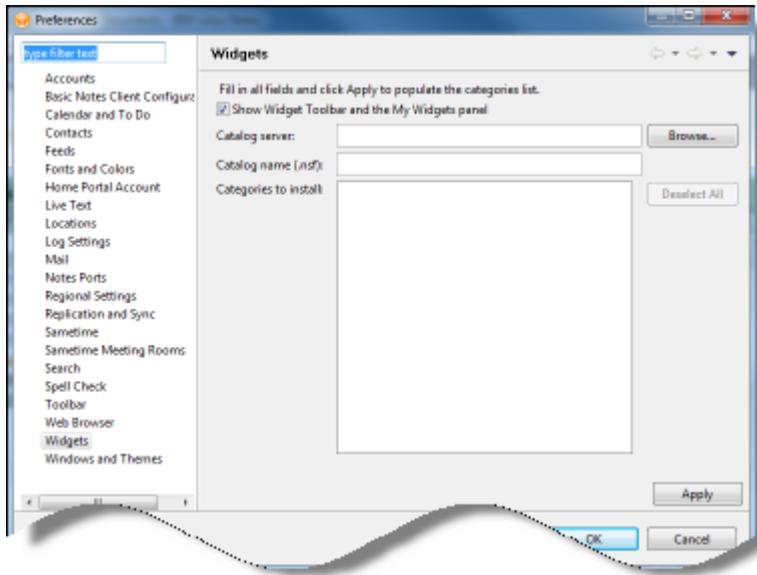
c.   Click to select the **Show Widget Toolbar** and the **My Widgets panel** checkbox.

d.   Click **OK**.

You see the My Widgets icon in your sidebar.

2. Click the My Widgets icon to open the **My Widgets** sidebar panel.
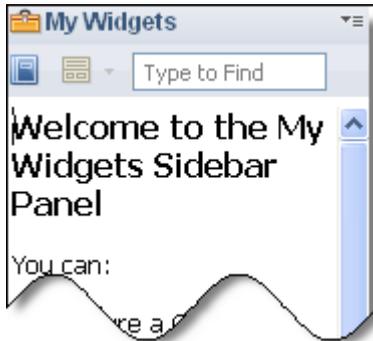
3. From the Teamstudio Website, locate the Teamstudio Widget Images.

4. For each Teamstudio tool you want to install, drag and drop the file for that tool onto the My Widgets sidebar panel.

    Be patient, but quickly you will see the **Widget Provisioning** window, which changes to reflect the installation progress.

You see a message asking you to install a plug-in.

5. Select **Install this plug-in and add the signer to my list of trusted signers**.

6. Click **OK**.
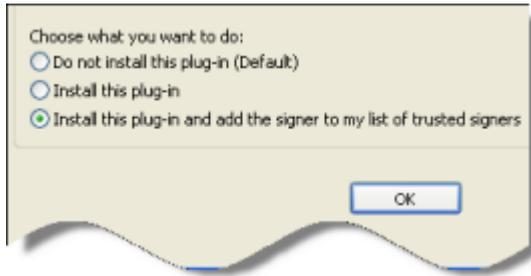
You see a message asking you to restart Notes.
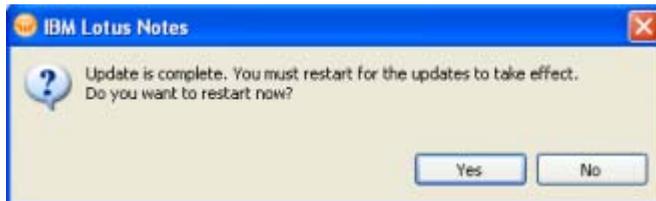
7. Before you restart Notes, complete the installation procedure for each Teamstudio tool you have purchased, like you did for the first -- by dragging each tool's installation file to the My Widgets sidebar panel.

Note	The installation of the other tools goes much faster than the first.

CIAO! Client Edition - Special Instructions

If you are installing CIAO! Client Edition, first use the instructions described earlier in this chapter. Then follow these additional steps.

Installation Procedure

To install CIAO! Client Edition

If this is the first time you have installed CIAO! Client Edition for this workgroup, you must create a CIAO! configuration database. The CIAO! configuration database should be on the same server as your database designs.

1. To install CIAO! for a workgroup (rather than for a single user), create this database on a Notes/Domino server that can be accessed by all members of the workgroup.

   a. Give the new database the file name: **ciao\ciaoconfig**.

   b. Base the design on the CIAO! Configuration template (**ciao.ntf**).

   c. Select the *Inherit future design changes* check box.
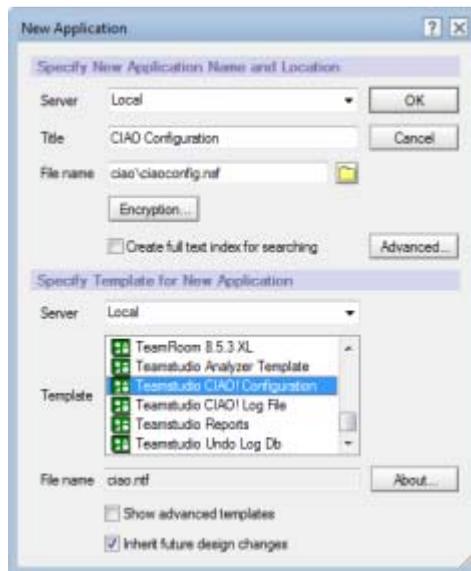
   d. Click **OK** to create.

Although you normally create these databases on a Notes server, you can optionally create them locally (for example, for testing).

After Installation of an Update

After installing an update to Teamstudio products, you must refresh the design of your CIAO! Configuration and Log databases that were created by prior release templates.

To refresh your database's design

You can refresh your database's design as follows:

1. Select your database from the Notes Workspace or open it.

2. Click **File > Application > Refresh Design**.

3. Select your server. Then, click **OK**.

   You see a message, informing you about potential effects of the refresh and asking you to confirm.
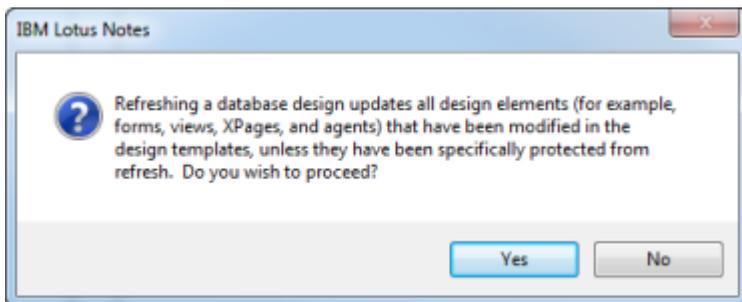
4. Click **Yes**.

   The designs of your CIAO! Configuration and Log databases have been updated to the latest design templates.

About Teamstudio Icons

When **Notes 8.0.x** has restarted, you should see the Teamstudio SmartIcons(s) installed on your SmartIcon Toolbar.

When **Notes 8.5.1 or 9.x** has restarted, you should see the Teamstudio Icon(s) installed on your Java toolbar. Note that Teamstudio SmartIcons that were installed from a previous version will still appear on your SmartIcon toolbar. Any of the Teamstudio icons will run the latest Teamstudio software you installed.

Troubleshooting

Common Problems and Solutions

The following table shows common installation problems and how to handle them.

Problem/Error	What to do
Parts of the Teamstudio Suite are currently running and have been temporarily disabled.	As a normal part of the installation, the installer changes the Notes.ini to disable the parts of Teamstudio that are running. • Restart Notes and run the installation again.
Error installing file	Sometimes another process locks the Teamstudio dlls. • Restart Notes • If that doesn't fix the problem, reboot and then delete the file that has the problem.
File/Path access error	One of the following may fix the problem: • Make sure the person installing has administrator rights on your computer. • Make sure the company policy allows you write access to the Notes program folder. • Restart Notes. (Never repeat the installation without first restarting Notes.) • If you cannot write to the default location of the log file, use the **Advanced Options** to change the path of the log or to select the email log option.
Problem installing using Widgets	• Uninstall previous version of Teamstudio tools, then try the installation again. • Check with your system administrator to see if there are Firewall or Proxy server policies that prohibit downloading of widget code. If your system administrator does not fix the problem, contact Teamstudio Technical Support.

About Shared Notes Installations

In a shared Notes environment, a system administrator or someone with write access to the Notes program folder must perform the initial installation of the tools. For later installations, use the install options described in the table to gain more control over the install process.

Install Option	Description
Install Program files	Install dll and exe files in the Notes program directory.
Install Templates	Install the templates in the Data directory for output databases and Configuration and log Dbs for CIAO!.
Enable Hook	Enable the CIAO! hook.
Install Smarticon	Create the Teamstudio Toolbar and add the smarticons (Notes 6/7/8).

Don't see the Teamstudio Toolbar?

If you don't see the Teamstudio Toolbar, check that toolbars are set to display.

To set the toolbars to display for Notes Release 6.x

1. From the IBM Lotus Notes menu bar, click **File > Preferences > Toolbar Preferences**.

    You see the Toolbar Preferences dialog.

2. On the Basics tab, select *Show Toolbars* (if not already selected).

3. On the Toolbars Tab, select *Teamstudio for Notes* (if not already selected).

If the toolbar still does not display, try deleting the Teamstudio tool bar from the client and designer toolbar preferences. Then reinstall the tools.

If that doesn't help, delete the bookmarks database. Then let Notes create a new one.

Viewing the Installation Log

Check the installation log (c:\tms.log) for information about files installed and error messages. This file is created during product installation as a text file (by default) at the root of the install drive. From the **Advanced Options** of the Installation window, you may set the **Log Type** to **e-mail**.

Troubleshooting the CIAO! Installation

If you see the following message the first time you start CIAO!, then the installation has not completed properly.
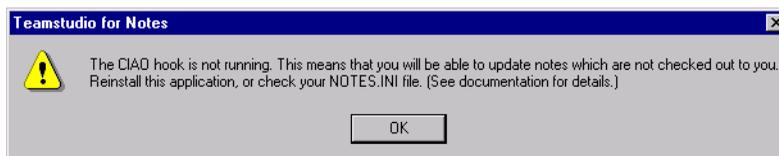
If the CIAO! installation does not complete properly, check the following:

- Make sure that only one copy of **notes.ini** is installed on your system.

- If there is only one copy, edit the file (Using Notepad or equivalent) to ensure it contains the line:

```
NSF_HOOKS=hkciao.dll
```

If you do not see this line in **notes.ini**, there may be another copy of **notes.ini** on your system. You can either add the above line manually (using Notepad or equivalent), or re-run the installation selecting only the **Enable CIAO! Hook** check box.

Initializing Teamstudio Tools

Each Teamstudio client product is protected by a serial number and key. You must configure each Teamstudio client product before you can use it. You will receive a serial number and key pair with each Teamstudio client license that you purchase.

To initialize Teamstudio client products

1. From Designer, click the icon for the tool you want to initialize.

2. You see a Serial Number dialog.

3. Enter the serial number (in this format xx-xxxxx) and key for the product (in this format xxxxx-xxxxx-xxxxx).

   You are prompted for this information once for each product—the first time you run each product.

4. Click **OK**.

   The Teamstudio product you selected starts immediately.

   If you cannot remember the serial number and key, or do not have the information on hand, please contact Teamstudio.

   If you are prompted for the information again after entering it, you likely entered an incorrect serial number and key. Review, confirm, and re-enter the serial number and key. If the system does not start, contact Teamstudio.

Note	The letters I and L are interchangeable with the number 1; the letter O is interchangeable with the number 0; and the letter S is interchangeable with the number 5.

Tip	Before you use any Teamstudio product, make sure there is only one copy of **notes.ini** on your system. Teamstudio products are based on the IBM Lotus Notes API, which assumes there is only one copy of **notes.ini**. If you have more than one copy on your system, delete or rename the other copies before installing any Teamstudio product.
	If you have installed the products and encounter configuration problems (for example, the SmartIcon has not been installed, or nothing happens when you click the SmartIcon), check that you have only one copy of **notes.ini** installed on your system.

Running Teamstudio Products

You can access Teamstudio products without using the icons, by using the following executable files.

File	Product
ndean.exe	Analyzer
nciao.exe	CIAO!
nconfy.exe	Configurator
ndelta.exe	Delta
nlibr.exe	Design Manager
nprofile.exe	Profiler
nundo.exe	Undo
nvalidator.exe	Validator

You can start the products:

• From the Microsoft Windows Command prompt.

• From a new shortcut you create on your desktop.

For example, to launch CIAO! on a particular database, specify in a command line:

```
nciao database
```

where *database* = Server/Domain!!database, Server!!database or database.

Removing Teamstudio Tools

For Notes 8.5.1 and above you use the Widget sidebar panel for automatic removal of Teamstudio tools. For earlier Notes releases, you manually remove the files for each tool.

For Notes Versions 8.5.1 and Above

You can remove Teamstudio tools as follows:

To remove Teamstudio® Tools from Notes® 8.5.1 and above

1. From the My Widgets sidebar panel, select the Teamstudio tools you wish to remove.
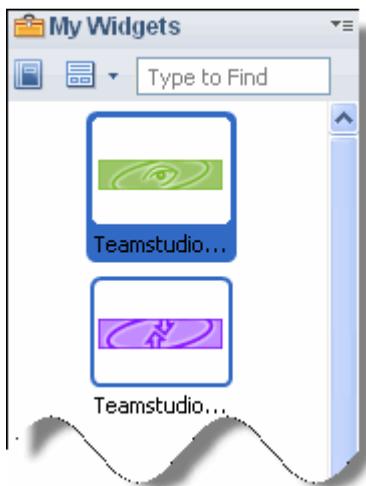
2. Press the Delete key, or right-click to display the short-cut menu and then select **Remove**.

You see the Confirm Removal window.

3. Click **Yes** to confirm you want to remove the selected tools.

    You see a message asking you to restart Notes.

4. Click **Restart Now**.

For Notes 6.x, 7.x, or 8.0.x

For Notes 8.0.2 and below, you can manually remove Teamstudio files for each Teamstudio product in order to uninstall.

Uninstalling Analyzer

You can remove Analyzer from your system as follows:

To remove Analyzer

1. Delete the following files from your Notes executable directory, that is, the directory where the file notes.exe resides.

   ndbdean.dll

   ndean.exe

Note	Remember that these files may be shared by other Analyzer users if Notes and Analyzer are installed on a file server.

2. In addition, if you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory:

   ndbtms.dll

   ntfnagnt.dll**l**

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory:

   tmslogs.ntf

4. Delete the following Notes database and database template file from your local Notes data directory:

   ivesdean.ntf

   deanfltr.ntf

   fltrsref.nsf

5. Finally, remove the Analyzer SmartIcon from your SmartIcon bar, and then remove the following files (if they exist) from your SmartIcon directory:

   dean.bmp

   dean.mac

Uninstalling CIAO!

You can permanently disable CIAO! and remove the CIAO! client files from your system.

To permanently disable CIAO!

1. Exit from the Notes client.

2. Edit the file **notes.ini** (usually found in your Windows directory, on a Windows system (c:\windows) using Notepad or equivalent.

3. Search for the line containing the text 'NSF_HOOKS=HKCIAO.DLL'.

4. Delete this line from the file.

5. Save the file and restart Notes.

To delete the CIAO! client files

1. To remove all traces of CIAO! from your system, then, in addition to the previous steps, you must delete the following files from your Notes executable directory (that is, the directory where the file **notes.exe** resides).

Note	These files may be shared by other CIAO! users if Notes (and CIAO!) have been installed onto a file server.

    ndbciao.dll

    nhkciao.dll

    nciao.exe

2. Delete the following Notes database template files from your local Notes data directory, if they were installed:

    ciao.ntf

    ciaologf.ntf

3. In addition, if you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory:

   ndbtms.dll

   ntfnagnt.dll

4. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory:

   tmslogs.ntf

5. If you are *not* using Delta or Configurator, remove the following file from your local Notes data directory:

   diffhelp.nsf

6. Finally, remove the CIAO! icon from your icon bar, and then remove the following files (if they exist) from your SmartIcon directory:

   ciao.bmp

   ciao.mac

Uninstalling Configurator

You can uninstall Configurator as follows:

To remove Configurator

1. To remove all traces of Configurator from your system, delete the following files from your Notes executable directory (that is, the directory where the file **notes.exe** resides.)

Note	These files may be shared by other CIAO! users if Notes (and CIAO!) have been installed onto a file server.

    nconfy.exe

    ndbstar.dll

2. If you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory:

    ndbtms.dll

    ntfnagnt.dll

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory:

    tmslogs.ntf

4. Finally, remove the Configurator icon from your toolbar, and then remove the following files (if they exist) from your SmartIcon directory:

    star.bmp

    star.mac

Uninstalling Delta

You can permanently disable Delta and remove the Delta files from your system as follows:

To remove the Delta

1. Delete the following files from your Notes executable directory (that is, the directory where the file **notes.exe** resides).

Note	Other Delta users may share these files if Notes (and Delta) are on a file server.

> ndbdiff.dll
>
> nntdelta.dll
>
> ndelta.exe

2. In addition, if you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory:

> ndbtms.dll
>
> ntfnagnt.dll

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory:

> tmslogs.ntf

4. If you are *not* using CIAO! or Design Manager, remove the following files from your local Notes data directory:

> diffhelp.nsf

5. Finally, remove the Delta icon from your SmartIcon bar, then remove the following files (if they exist) from your SmartIcon directory:

> diff.bmp
>
> diff.mac

6. Remove the nntdelta.dll statement from the following line in your **notes.ini** file (located in your Notes executable directory).

> ADDINMENUS=nntdelta.dll

Uninstalling Design Manager

You can remove Design Manager as follows:

To remove Design Manager

1. To remove all traces of Design Manager from your system, you must delete the following files from your Notes executable directory, that is, the directory where the file **notes.exe** resides.

Note	Other Design Manager users may share these files if Notes (and Design Manager) are installed on a file server.

> ndblibr.dll
>
> nlibr.exe
>
> ncodesnip.dll
>
> nformsnip.dll

2. In addition, if you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory:

> ndbtms.dll
>
> ntfnagnt.dll

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory:

> tmslogs.ntf

4. Finally, remove the Design Manager icons from your SmartIcon bar, and then remove the following files (if they exist) from your SmartIcon directory:

> libr.bmp
>
> libr.mac
>
> fsnip.bmp
>
> fsnip.mac

5. Remove the ncodesnip.dll statement from the following line in your **notes.ini** file (located in your Notes executable directory).

> ADDINMENUS=ncodesnip.dll

Uninstalling Profiler

You can remove Profiler as follows:

To uninstall Profiler

1. Delete the following files from your Notes executable directory (the client and/or server directory where **notes.exe** resides).

Note	Remember that other Profiler users may share these files if Notes has been installed onto a file server.

   nhkprofile.dll

   ndbprofile.dll - client only

   nprofile.exe - client only

2. In addition, if you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory (client only):

   ndbtms.dl - client only

   ntfnagnt.dll

3. Finally, remove the Profiler icons from your SmartIcon bar, and then remove the following files (if they exist) from your SmartIcon directory (client only):

   prof.bmp

   prof.mac

4. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory (server only):

   profile.ntf

   tmslogs.ntf

Uninstalling Undo

You can remove Undo as follows:

To remove Undo

1. Delete the following files from your Notes executable directory (the client and/or server directory where notes.exe resides).

Note	Remember that other Undo users may share these files if Notes (and Undo) have been installed onto a file server.

   > nhkundo.dll
   >
   > ndbundo.dll

2. If you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory (client only):

   > ndbtms.dll
   >
   > ntfnagnt.dll

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory (client and server):

   > undo.ntf

4. Finally, remove the Undo SmartIcons from your SmartIcon bar, and then remove the following files (if they exist) from your SmartIcon directory (client only):

   > undo.bmp
   >
   > undo.mac

Uninstalling Validator

You can remove Validator as follows:

To remove Validator from your system

1. Delete the following file from your Notes executable directory (the client and/or server directory where **notes.exe** resides).

   ndblinkchk.dll

2. If you are *not* using any other Teamstudio products, delete the following DLL files from your Notes executable directory (client only):

   ndbtms.dll

   ntfnagnt.dll

3. If you are *not* using any other Teamstudio products, delete the following template from your Notes Data Directory (client and server):

   tmslogs.ntf

4. Remove the Validator icons from your SmartIcon bar.

5. Remove the following files (if they exist) from your SmartIcon directory (client only):

   link.bmp

   link.mac