Toad®
for Oracle
10.5
Install Guide
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Toad for Oracle 10.5
Install Guide
March 22, 2010
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Installation

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Installation Requirements
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Installation Requirements

Before beginning installation, review this section to ensure required privileges are set and system requirements are met.

You can install Toad from a CD-ROM or installation files you have downloaded from the Quest Software, Inc. web site, www.quest.com.

Before installing Toad, make sure that your system meets the minimum hardware and software requirements. Also check your SQL*Net or Net8 setup with another application, such as Oracle’s tnsping utility, to verify your connection with the database.

| Caution | If you also have the freeware version of Toad, you should not install the commercial version over the freeware version. This will adversely affect some functions. Install the commercial version in a different directory from the freeware version. |

Privileges Required for Installation

At a minimum, in order to install and run Toad, make a connection, and do basic operations, you must be a Power User and have read/write privileges on the Oracle homes directories that you use for your connections. If you are a Power User, you will additionally require read access to the Oracle client folder.
# System Requirements

<table>
<thead>
<tr>
<th>Component</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Memory</strong></td>
<td>512 MB of RAM minimum; 1 GB of RAM recommended</td>
</tr>
<tr>
<td></td>
<td><strong>Note</strong> The memory required may vary based on the following:</td>
</tr>
<tr>
<td></td>
<td>• Applications that are running on your system.</td>
</tr>
<tr>
<td></td>
<td>• Size and complexity of the database.</td>
</tr>
<tr>
<td></td>
<td>• Amount of database activity.</td>
</tr>
<tr>
<td></td>
<td>• Number of concurrent users accessing the database.</td>
</tr>
<tr>
<td><strong>Hard Disk Space</strong></td>
<td>75 MB disk space required to run Toad.</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 2000</td>
</tr>
<tr>
<td></td>
<td>Windows XP</td>
</tr>
<tr>
<td></td>
<td>Windows 2003</td>
</tr>
<tr>
<td></td>
<td>Windows Vista</td>
</tr>
<tr>
<td></td>
<td>Windows 2008</td>
</tr>
<tr>
<td></td>
<td>Windows 7</td>
</tr>
<tr>
<td></td>
<td><strong>Note</strong> 64-bit support for Windows 2003/XP/Vista/2008 with 32-bit Oracle Client.</td>
</tr>
<tr>
<td><strong>Database Client</strong></td>
<td>Oracle v8i Client Net 8</td>
</tr>
<tr>
<td></td>
<td>Oracle v9 Client (Net 9)</td>
</tr>
<tr>
<td></td>
<td>Oracle v10 Client (Net 10) or Instant Client v10</td>
</tr>
<tr>
<td></td>
<td>Oracle v11 Client (Net 11) or Instant Client v11.0.7</td>
</tr>
<tr>
<td></td>
<td><strong>Note</strong> Only 32-bit is supported.</td>
</tr>
</tbody>
</table>
Virtualization

Review the following information about using Toad in virtual environments:

<table>
<thead>
<tr>
<th>Component</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database Server</td>
<td>Oracle versions 8.0.6; 8.1.7; 9i; 9iR2; 10gR1; 10gR2; 11g</td>
</tr>
<tr>
<td></td>
<td><strong>Note</strong> It is recommended that your client version be of the same release (or higher) as your database version. In addition, to take advantage of Toad's new Unicode support, you must be working with Oracle client/server 9i or above.</td>
</tr>
<tr>
<td></td>
<td><strong>Note</strong> All versions of the Oracle client are not necessarily compatible with all versions of the Oracle Server, which may cause errors within Toad. See Oracle's Metalink article 207303.1 &quot;Client / Server / Interoperability Support Between Different Oracle Versions&quot; for more information about possible compatibility issues.</td>
</tr>
<tr>
<td>Cloud Database</td>
<td>Oracle databases running on Amazon EC2</td>
</tr>
<tr>
<td>Service</td>
<td></td>
</tr>
<tr>
<td>Additional Software</td>
<td><strong>Web Browser</strong> Microsoft Internet Explorer 6.0 or later</td>
</tr>
<tr>
<td></td>
<td><strong>PDF Viewer</strong> Adobe Acrobat Reader 7.0 or later (for viewing the Install Guide)</td>
</tr>
</tbody>
</table>

**Virtualization**

Toad has been tested for Citrix support on Windows Server 2003 (Service Pack 2) using the MetaFrame Presentation Server 4.0 and Citrix Presentation Server Clients 10.2.

Toad has been tested with Quest vWorkspace 7.0 on Windows XP Professional 32-bit (Service Pack 2).

Toad has been tested with VMWare ESX Server 3.5 and VMWare Server Console 1.0.10 on Windows Server 2003 (Server Pack 2).

**Note** Toad may work in virtualization environments other than the ones in which it was tested.
Install or Upgrade Toad for Oracle

When you install Toad for Oracle, in addition to the various install types, you can also install the any additional applications that come with your Toad Bundle. For example, SQL Optimizer (SQL Tuning), Knowledge Xpert, or Toad Data Modeler (other choices may be available). Make these selections during the install process.

Toad for Oracle installs using the Quest Installer, making it easy to install multiple Quest Products at once.

When you already have Toad installed and run the installer for a newer version, the new version installs side-by-side to your previous version. The first time you run the new version you will be asked to migrate your previous settings files.

To install Toad for Oracle

1. Run the Toad bundle installation program from the CD or download file.
2. Complete the wizard.

Note  
On the Read-Only Installation page, select whether to install Toad as a typical install with all features enabled, or whether you want to install as read-only. In read-only mode, you cannot create, alter, or drop database objects.

Installation Types

Full Local

This is the default choice. This installation is a full client and server install. This installs all Toad files to your local hard drive. In addition to the standard installation folder, personal configuration files are placed in the Documents and Settings/username/Toad for Oracle/User Files directory.

Network - Server and Client options

Note  
If you are installing Toad as a network installation, the Toad license key is written to the server. On the client side, Toad will prompt you for a license key the first time it runs. The server should not be read-only when Toad is run for the first time.
An advantage of installing Toad to a network server is that as Toad is updated, the network administrator only has to update the server files. All users are updated when you update Toad on the server, as opposed to having to update each workstation individually.

A disadvantage of installing Toad to a server is that whenever someone starts Toad at their workstation, they have to read the Toad.exe application file across the network. If you have a slow network, or a network with a lot of traffic, this type of installation might not be your best choice.

A Network installation has two parts. The server installation, which resides on the server and contains the build of the application, and the client installation, which installs personal configurations to each individual workstation. The server installation MUST be installed before you can install a client installation on a personal computer.

**Network Install - Server**

If you are installing or upgrading Toad on a read only server, you will need write access to install Toad. If Toad is installed to run on a server, the network administrator should be the only one with write access to Toad.

---

**Note**  The format of licensing keys changed with Toad 10. If you are upgrading and using an old Quest key, the Server will still require a key, which the Client then reads and compares to the local key.

If this is the first time you are installing Toad, all licensing will be done from the client side: you will not require a key to install Toad on the server, however, client machines will prompt for a key the first time Toad is launched.

---

**Network Install - Client (must install server side first)**

This option is for individual workstations in situations where toad.exe and toad.chm are already installed on the server. This option installs the personal configuration files to the PC, and creates shortcuts to toad.exe and toad.chm on the server, where Toad has been previously installed. You will need to know where the server installation of Toad resides in order to create these.

---

**Note**  If you are upgrading Toad and using a license key issued with a previous versions, license keys for the Client install and the Server installation must be the same. If users have
independent license keys, they should install the full version of Toad on their individual machine.

If you are creating a completely new server/client installation, then all licensing will be done from the client side, and you will be prompted for a key the first time you launch Toad.

---

### Citrix/Terminal Server

You can configure a silent install in the same manner you would any MSI command line installation. Extract the installers as described in Extract the MSI Installer.

Review the following for additional information about installing Citrix:

- Under Toad.exe Properties | Compatibility tab | User Account Privileges, make sure the “Allow non-administrators to run this program” box is checked.

- Write access is required to the Oracle directory if any of the users want to edit the tnsnames.ora file by using the TNSNames Editor.

- All user files are stored in a user_name directory. When a Citrix user opens Toad for the first time, Toad will copy the contents of this folder to the user’s associated Application Data folder for Toad.

---

### Silent Installation of Toad for Oracle

#### Extract the MSI Installer

In order to perform a silent install for Toad for Oracle, you must first extract the MSI file from the Quest Installer. This MSI is then used with the installation variable (ADDLOCAL parameter in the examples below) to define the type of install you want to perform.

The Quest Installer must be launched in “extraction mode” from the command line. At this point you can extract the various MSI installers for use with a silent installation.

**To extract the MSI**

1. Run your Toad bundle from the command prompt, including the correct path to the directory where it resides, and the /extract parameter. as the .exe will contain spaces, remember to include the quotation marks. Example:

   ```
c:>"\Toad DBA Suite for Oracle 10.5 Commercial.exe"/extract
```
The Quest installer launches in extract mode, and all references to installing will be replaced with extracting.

2 Change the path for the extracted files if desired. The default path is the current user’s Temp directory:
   C:\Documents and Settings\<current user>\Local Settings\Temp\bundle name.

3 Select the products you want to extract. By default, all available products are selected.

4 Review your selections on the Summary and Confirmation screen. If you want to change a selection, click the Back button and make your changes. Then click Extract.

5 Select one of the two hyperlinks to continue:
   • Specified Location - opens the directory where your files have been extracted.
   • Readme.txt - opens the extraction log in Notepad.

Note The extraction log contains verification of the files that have been extracted, along with the command line parameters needed to perform default installations of the products.

Perform the Installation

The extraction log contains the command line parameters needed to perform default installations. However, you may want to change parameters to fit your environment or standards. The section “Parameters for Silent Installs” on page 12 lists optional parameters that you can use to modify this installation.

Full Installation

In general, the Windows internal command msiexec.exe launches the MSI and passes command line parameters set by the user. A typical command line might look like this:

```cmd
msiexec /i "<path to msi file, including file name>"
INSTALLDIR="<installation folder, including final ">
ADDLOCAL=Client,Server /q /l*v <path to install log, including file name>
```
For example:

```
msiexec /i "C:\Documents and Settings\johndoe\desktop\ToadforOracle97.exe
"INSTALLDIR="C:\Programs\Quest Software\Toad for Oracle"
ADDLOCAL=Client,Server /q /l*v "C:\install.log"
```

**Note**  
`INSTALLDIR` must include the final \ in order for a silent installation to be performed, and correct spacing between parameters is required for proper installation.

**Network Installation**

For a silent network install, you would first extract the MSI from the Quest Installer then install the server side with a command similar to:

```
msiexec /i "<path to msi file, including file name>"
INSTALLDIR="<installation folder, including final \>" ADDLOCAL=Server /q /l*v <path to install log, including file name>
```

For example:

```
msiexec /i "C:\Documents and Settings\johndoe\desktop\ToadforOracle97.exe"
INSTALLDIR="Z:\Programs\Quest Software\Toad for Oracle" ADDLOCAL=Server /q /l*v "C:\install.log"
```

Then install the client side by running a command line that looks like the following:

```
msiexec /i "<path to msi file, including file name>"
INSTALLDIR="<installation folder, including final \>" ADDLOCAL=Client
SERVERDIR="<path to server folder, including final \>" /q /l*v <path to install log, including file name>
```

Where `SERVERDIR` is the same as `INSTALLDIR` from the previous command that silently installed the server side.

For example:

```
msiexec /i "C:\Documents and Settings\johndoe\desktop\ToadforOracle97.exe"
INSTALLDIR="C:\Programs\Quest Software\Toad for Oracle" ADDLOCAL=Client
SERVERDIR="Z:\Programs\Quest Software\Toad for Oracle" /q /l*v "C:\install.log"
```

**Note**  
Both `INSTALLDIR` and `SERVERDIR` must include the final \ in order for a silent installation to be performed, and correct spacing between parameters is required for proper installation.
### Parameters for Silent Installs

The following is a full explanation of options, parameters, and their meanings:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDLOCAL</td>
<td>Client, Server</td>
<td>Determines the type of install. Parameters denote:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Client - Client install only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Server - Server install only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Client, Server - full install</td>
</tr>
<tr>
<td>/i</td>
<td>Package</td>
<td>ProductCode</td>
</tr>
</tbody>
</table>
| /f          | [p|o|d|e|c|a|u|m|s|v] Package|ProductCode | Repairs a product. This option ignores any property values entered on the command line. The default argument list for this option is 'omus.'  
<p>|             |             | p - Reinstalls only if file is missing.                                 |
|             |             | o - Reinstalls if file is missing or an older version is installed.    |
|             |             | e - Reinstalls if file is missing or an equal or older version is installed. |
|             |             | d - Reinstalls if file is missing or a different version is installed. |
|             |             | c - Reinstalls if file is missing or the stored checksum does not match the calculated value. Only repairs files that have msidbFileAttributesChecksum in the Attributes column of the File table. |
|             |             | a - Forces all files to be reinstalled.                                |
|             |             | u - Rewrites all required user-specific registry entries.             |
|             |             | m - Rewrites all required computer-specific registry entries.         |</p>
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>s - Overwrites all existing shortcuts. v - Runs from source and re-caches the local package. Do not use the v reinstall option for the first installation of an application or feature.</td>
<td></td>
</tr>
<tr>
<td>/a</td>
<td>Package</td>
<td>Administrative installation option. Installs a product on the network.</td>
</tr>
<tr>
<td>/x</td>
<td>Package/ProductCode</td>
<td>Uninstalls a product.</td>
</tr>
<tr>
<td>/j</td>
<td>[u</td>
<td>m]Package or [u</td>
</tr>
</tbody>
</table>
The path to the logfile location must already exist. The installer does not create the directory structure for the logfile. Flags indicate which information to log. If no flags are specified, the default is 'iwearmo.'

- **i** - Status messages.
- **w** - Nonfatal warnings.
- **e** - All error messages.
- **a** - Start up of actions.
- **r** - Action-specific records.
- **u** - User requests.
- **c** - Initial UI parameters.
- **m** - Out-of-memory or fatal exit information.
- **o** - Out-of-disk-space messages.
- **p** - Terminal properties.
- **v** - Verbose output.
- **+** - Append to existing file.
- **!** - Flush each line to the log.
- **"*"** - Wildcard, log all information except for the v and x options. To include the v and x options, specify "/l*vx".

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>/L</td>
<td>[i</td>
<td>w</td>
</tr>
</tbody>
</table>

- **i** - Status messages.
- **w** - Nonfatal warnings.
- **e** - All error messages.
- **a** - Start up of actions.
- **r** - Action-specific records.
- **u** - User requests.
- **c** - Initial UI parameters.
- **m** - Out-of-memory or fatal exit information.
- **o** - Out-of-disk-space messages.
- **p** - Terminal properties.
- **v** - Verbose output.
- **+** - Append to existing file.
- **!** - Flush each line to the log.
- **"*"** - Wildcard, log all information except for the v and x options. To include the v and x options, specify "/l*vx".
### Installation

**Uninstall Toad for Oracle**

When you use Toad, you create new Toad files such as SQL scripts, data output, or temp files. When you run uninstall, Toad has no way of knowing what those files are. So it won’t remove files that you have created. You must manually delete them.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
</table>
| /q | n|b|r|f | Sets user interface level.  
  q , qn - No UI  
  qb - Basic UI. Use qb! to hide the Cancel button.  
  qr - Reduced UI with no modal dialog box displayed at the end of the installation.  
  qf - Full UI and any authored FatalError, UserExit, or Exit modal dialog boxes at the end.  
  qn+ - No UI except for a modal dialog box displayed at the end.  
  qb+ - Basic UI with a modal dialog box displayed at the end. The modal box is not displayed if the user cancels the installation. Use qb+! or qb!+ to hide the Cancel button.  
  qb- - Basic UI with no modal dialog boxes. Please note that /qb+- is not a supported UI level. Use qb-! or qb!- to hide the Cancel button. |
| RESTRICTIONS | p | Prevents users from saving their password by disabling the Save Password option in the login dialog. For example: RESTRICTIONS=p |

**Note**  
The ! option is available with Windows Installer 2.0 and works only with basic UI. It is not valid with full UI.
To uninstall Toad:

• From **Start | Programs | Quest Software | Quest Installer,** select the Quest Installer, and then follow the instructions for uninstalling the appropriate program.

-OR-

• Go to **Add/Remove Programs** in Windows and remove Toad.

**Note**  
If a network administrator maintains server components, they will not be uninstalled. The network Toad components will have to be manually deleted.

---

**How Uninstalling works for the install types**

**Local Toad Install (FULL)**

Uninstalls all program files from your PC, with the exception of files you have created, such as SQL scripts, data output and temp files.

**Network Install - Client**

Uninstall only removes client files. With this type of install, the toad.exe and toad.chm files were installed on a server. The files on the server will have to be manually deleted, as will any files you have created, such as SQL scripts, data output, and temp files.

**Network Install - Server**

This is run by a network administrator. Toad.exe and toad.chm files were installed on the server. An install log was not created and the installer did not create uninstall files. This is intentional, because if a network administrator decides to uninstall Toad, this affects all workstations. Network Toad files must be manually deleted to mitigate this. When a network installation is involved, remember that any Toad components that are installed on the server cannot be automatically uninstalled. They will have to be manually deleted. When Toad files are installed on the server they always include toad.exe. Toad files on the client (workstation) can be uninstalled.

**Silent Uninstall**

Silently uninstalling the MSI is similar to a Silent Install. Use an "x" in place of the "i" and do not include the INSTALLDIR property, i.e.:

```
msiexec /x "C:\Documents and Settings\johndoe\Desktop\ToadforOracle91SetupFull.msi" /q
```
Toad Group Policy Manager

The Toad Group Policy Manager is a free utility which is currently available with a licensed copy of Toad for Oracle. Quest Software reserves the right to remove, change or alter this utility at any time.

It is strongly recommended that you read all of the Group Policy Editor documentation before deploying this feature. Group Policy Editor documentation can be found in the Group Policy Editor Help file, or in the GrpPlcyEdtr.pdf file, both of which are installed when you install the Group Policy Editor.

The Group Policy Manager functionality consists of three parts, which do not have to reside on the same machine:

- Group Policy Server - a Windows service that controls delivery of policy files to individual Toad instances.
- Group Policy Editor - installed on an administrator’s machine, the administrator can use the policy editor to setup groups and policies, and publish policies to the policy server.
- Toad Policy files - all client installations of Toad include a toad.pdl file in the installation directory. This file contains the restrictions provided by the Group Policy Server. If you are planning on using the managed environment, this .pdl file will need to be replaced with a managed file (that includes a group assignment for receiving policies) before that instance of Toad can be controlled.

For full information about the Toad Policy Manager, please see the Toad Policy Editor help file, or ToadGrpPly.pdf.

Installation options

You can install the Group Policy Manager in one of three ways:

- Full Install - Installs the Group Policy Server and the Group Policy Editor to the same location.
- Group Policy Server - Installs only the Group Policy Server.
• Group Policy Editor - Installs only the Group Policy Editor.

**Note**  If you want to use the server and the editor from the same machine, you must select the Full install option. Otherwise the installed parts will not be able to communicate.

---

**Upgrading Group Policy Manager**

There are two things you must understand when upgrading the Group Policy Manager components.

**Group Policy Server**

When you upgrade the Group Policy Server, the Quest Installer will locate the previous installation path and upgrade the Server within that directory. Because of this, the Installation path notation in the installer may not be honored if there is an old version of the Server installed.

**Group Policy Editor**

To upgrade Toad Group Policy Editor and maintain any settings and files you have created using a pre-9.5 version, you will need to move the pre-9.5 files as described in the following procedure.

**Moving Group Policy Manager for upgrade**

• Move the following files from the current Editor Directory:
  • Group Policy.ini
  • Group PolicyGUI.ini
  • Entire Files subdirectory

To your preferred directory path. The default path is:

`\Program Files\Quest Software\Toad Group Policy Manager\Editor`
Configuration

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Configure Toad for Oracle
Troubleshoot Toad for Oracle
Configure Toad for Oracle

Some features within Toad for Oracle require objects to be installed on the database server to work properly. These include Space Manager, Team Coding, and some Code Xpert features. Configure necessary Server Side objects from within Toad.

To configure server side objects

1. From the Database menu, select Administer | Server Side Objects.
2. Complete the wizard. For more information, press F1 within the wizard for detailed help.

Troubleshoot Toad for Oracle

Cannot connect to Personal Oracle

If you are having trouble connecting to Personal Oracle or creating a SQL*Net alias for PO7 or PO8, then for the database name on the Toad login window, try one of the following entries:

2:
BEQ-LOCAL
LOCAL
TCP-LOOPBACK

For Schema/Passwords, try one of the following pairs:

DEMO/DEMO
SCOTT/TIGER
SYS/CHANGE_ON_INSTALL
SYSTEM/MANAGER

PATH Environment

The most frequent cause of problems is the resetting of the PATH environment variable. To set your default Oracle home, you can use the Oracle Home selector (provided with Oracle) to set it accurately. Refer to your Oracle documentation for more information.
Support

If you have questions about using Toad, and you can’t find the answers in this guide or Toad Help, please contact the customer support staff. The Help|Support Bundle provides updated support information and tools for contacting support.

The information it contains will be useful for support when resolving issues and you should include this support information with emails to Quest Support. The Support Bundle window is discussed in detail in the Toad Help.
Appendix: Contact Quest

Contact Quest Support

Quest Support is available to customers who have purchased a commercial or trial version of Quest software and have a valid maintenance contract. Quest Support provides around the clock coverage with SupportLink, our web self-service. Visit SupportLink at: http://support.quest.com.

With SupportLink, you can do the following:

- Quickly find thousands of solutions (Knowledgebase articles/documents).
- Download patches and upgrades.
- Seek help from a Support engineer.
- Log and update your case, and check its status.

View the *Global Support Guide* for a detailed explanation of support programs, online services, contact information, and policy and procedures. The guide is available at: http://support.quest.com/pdfs/Global Support Guide.pdf.

*Note* This document is only available in English.
Contact Quest Software

Email  info@quest.com

Mail  Quest Software, Inc.
      World Headquarters
      5 Polaris Way
      Aliso Viejo, CA 92656
      USA

Web site  www.quest.com

Refer to our web site for regional and international office information.

About Quest

Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Visit www.quest.com for more information.
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