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Schema Doc for Oracle 1 documentation

About Schema Doc for Oracle

Schema Doc for Oracle lets you document Oracle databases as .html or .doc (Microsoft Word document) files.

Schema Doc for Oracle has been retired, so no new versions will be available. We'll continue honoring requests for support until the end of your support agreement, and release patches if any serious flaws arise during that time. Please email any support queries to support@red-gate.com, quoting your serial number.

Worked example

[Generating and viewing documentation](#)

Requirements

You must have the following to use Schema Doc for Oracle:

- Windows XP or later
- Microsoft .NET Framework version 2.0 or later. You can download the [32-bit framework](#), or the [x64 framework](#)

Installing



Most Redgate products are available as part of a bundle. You can select which individual products to install when you run the installer.

When you install a non-free product, you have 14 days to evaluate the product. For the DLM Automation Suite, DLM Automation Suite for Oracle, SQL Source Control, Schema Compare for Oracle, Data Compare for Oracle, and Source Control for Oracle, you have 28 days. For more information, see [Licensing](#).

To install a Redgate product:

1. Download the product from the [website](#).
2. Run the installer and follow the instructions.

The product is listed on the **Start** menu under **Red Gate**.

Licensing

When you install Redgate products (apart from free ones), you have 14 days to evaluate them without purchase. For the following products, you have 28 days:

- [DLM Automation Suite](#)
- [DLM Automation Suite for Oracle](#)
- [SQL Source Control](#)
- [Source Control for Oracle](#)

If you need more time to evaluate a product, email licensing@red-gate.com.

Finding your serial number

When you buy a license for a product, we'll send you an invoice that contains your serial number to activate the product. Your invoice shows how many instances of a product the serial number can be used to activate. For information about how to activate, see [Activating](#).

If you can't find your invoice, you can view your serial numbers at red-gate.com/myserialnumbers. You'll need to log in to your Redgate account with the email address and password you provided when you bought the product.



If you need to reinstall products on the same computer (eg after installing a new operating system), you can reactivate them using the same serial number. This doesn't affect the number of distinct activations for the serial number. For information about moving a serial number to a different computer, see below.

Serial numbers for bundles and suites

If you've bought a bundle or suite of products, your serial number activates all the products in the bundle or suite. For bundles containing both server and client tools (such as the SQL DBA Bundle) you will have two serial numbers.

If you deactivate a bundle or suite serial number, all products using that serial number will be deactivated.

For information on which products are included in a bundle, see [Bundle history](#).

Changing the serial number used to activate a product

To change the serial number used to activate a product, on the **Help** menu, select **Enter Serial Number**. For some products, you will need to deactivate the old serial number first.

Moving a serial number to a different computer

To move a serial number to a different computer, deactivate the serial number on the old computer, then use it to activate the product on the new computer.

To deactivate a serial number, on the **Help** menu, select **Deactivate Serial Number**. If the Deactivate Serial Number menu item isn't available, use the [deactivation tool](#).

If you can't deactivate a serial number, use the [Request Extra Activations](#) page to request more activations for your serial number. You'll need to provide your serial number and the reason for the additional activations.

Activating

 This page applies to a number of Redgate products, so the screenshots below may not match your product.

When you activate a product with your serial number, the licensing and activation program sends an activation request to the Redgate activation server, using checksums of attributes from your computer. The checksums sent to the activation server do not contain any details that might pose a security risk. The activation server returns an activation response and an encrypted key to unlock the software. The licensing and activation program should activate your product within a few seconds.

If you experience problems with activating your products, you'll be directed to [activate manually](#).

Activating using the command line

Open a command prompt, navigate to the folder where your product executable file is located and run a command with the following syntax:

```
<productEXE> /activateSerial:<serialNumber>
```

For example:

```
sqlcompare /activateSerial:123-456-789012-ABCD
```

The product activation dialog box is displayed. Follow the instructions below.

Activating using the GUI

To activate your products:

1. On the **Help** menu, click **Enter Serial Number**.
The product activation dialog box is displayed, for example:


find it online'. A horizontal line separates this from the 'E-mail (optional)' section. This section includes the text 'Please provide the email address you would like us to send update notifications to:' followed by an input field containing 'user@example.com'. Below the email field is a checked checkbox with the text 'I'd also like to receive the Red Gate Newsletter. [Read our privacy policy](#)'. At the bottom, there is a paragraph: 'If you purchased SQL Compare as part of a bundle, other products may be activated by this process. The products activated are listed when activation is completed.' The dialog footer contains the 'redgate' logo on the left and 'Activate' and 'Cancel' buttons on the right." data-bbox="131 511 824 896"/>

2. Enter your serial number.


When you have entered a valid serial number,  is displayed next to the serial number box:

find it online'. A horizontal line separates this from the 'E-mail (optional)' section. This section asks for an email address, with a text input field containing 'user@example.com'. Below the field is a checked checkbox with the text 'I'd also like to receive the Red Gate Newsletter.' and a link to 'Read our privacy policy'. At the bottom, there is a note: 'If you purchased SQL Compare as part of a bundle, other products may be activated by this process. The products activated are listed when activation is completed.' The footer contains the 'redgate' logo on the left and 'Activate' and 'Cancel' buttons on the right." data-bbox="125 76 811 463"/>

Activate SQL Compare

 **Enter your SQL Compare serial number**

Serial number



Your serial number is on your invoice or you can [find it online](#)

E-mail (optional)

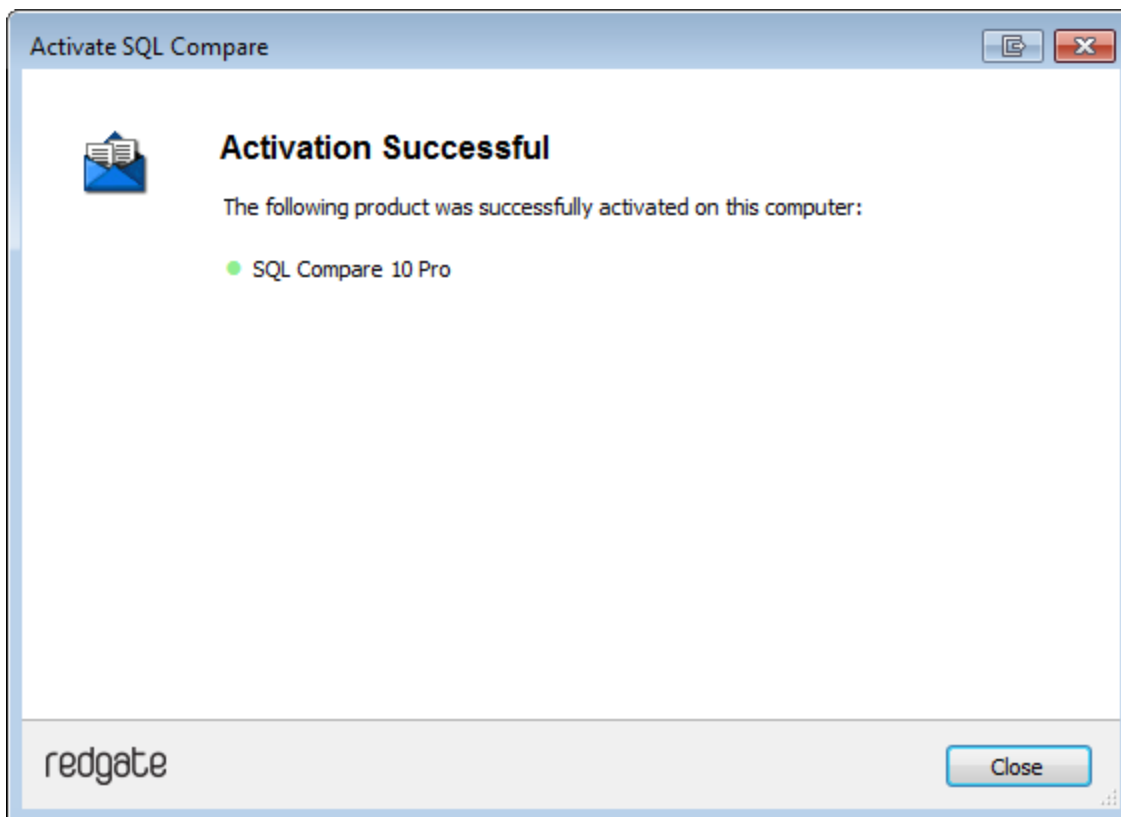
Please provide the email address you would like us to send update notifications to:

I'd also like to receive the Red Gate Newsletter. [Read our privacy policy](#)

If you purchased SQL Compare as part of a bundle, other products may be activated by this process. The products activated are listed when activation is completed.

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3. If you want to receive email updates from Redgate, enter your email address.
The list of identifiers and your email address may already be populated using information available to the licensing client from the Windows installation on your computer. No information is sent back to Redgate when the fields are populated.
When you activate your product, the optional information you entered is recorded by Redgate with your serial number. Your email address is not linked to the data collected should you consent to participate in the Quality Improvement Program provided with some Red Gate products.
4. Click **Activate**.
Your activation request is sent to the Red Gate activation server.
When your activation has been confirmed, the **Activation successful** page is displayed, for example:



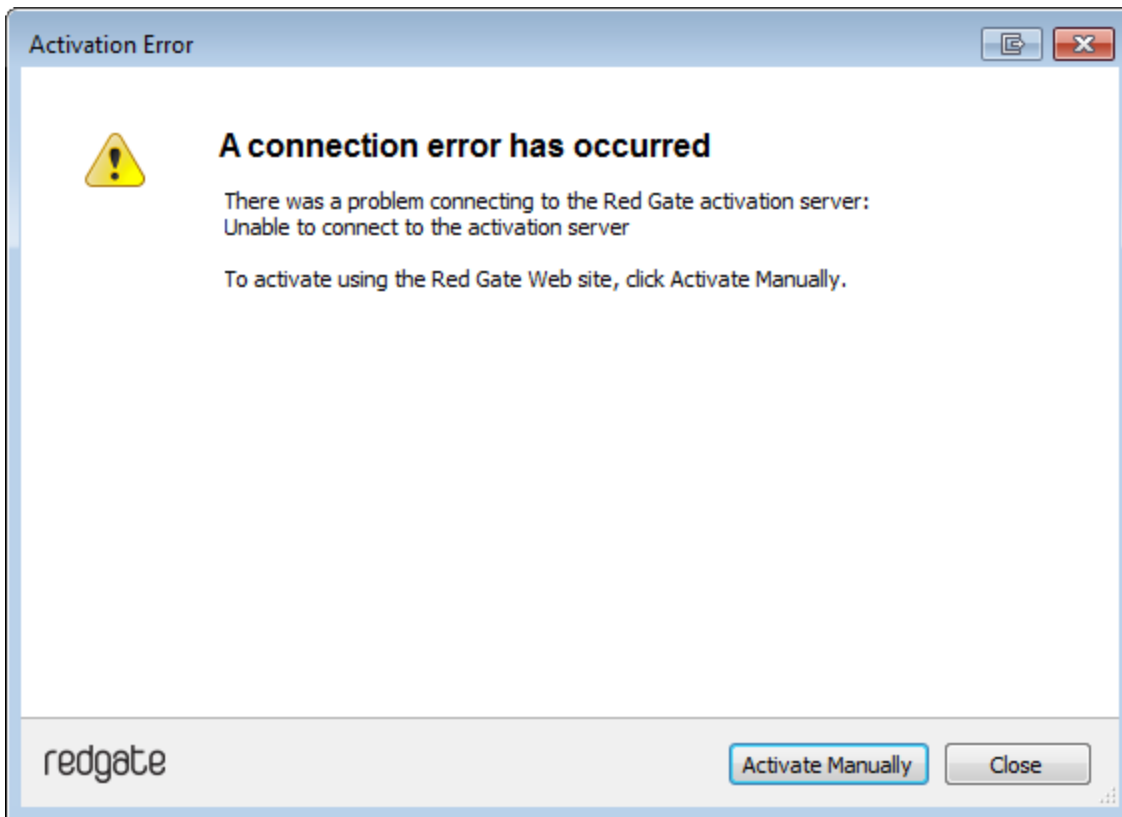
If there is a problem with your activation request, an error dialog box is displayed. For information about activation errors and what you can do to resolve them, see [Troubleshooting licensing and activation errors](#). Depending on the error, you may want to try [manual activation](#).

5. Click **Close**.
You can now continue to use your product.

Manual activation

Manual activation enables you to activate products when your computer does not have an internet connection or your internet connection does not allow SOAP requests. You will need access to another computer that does have an internet connection.

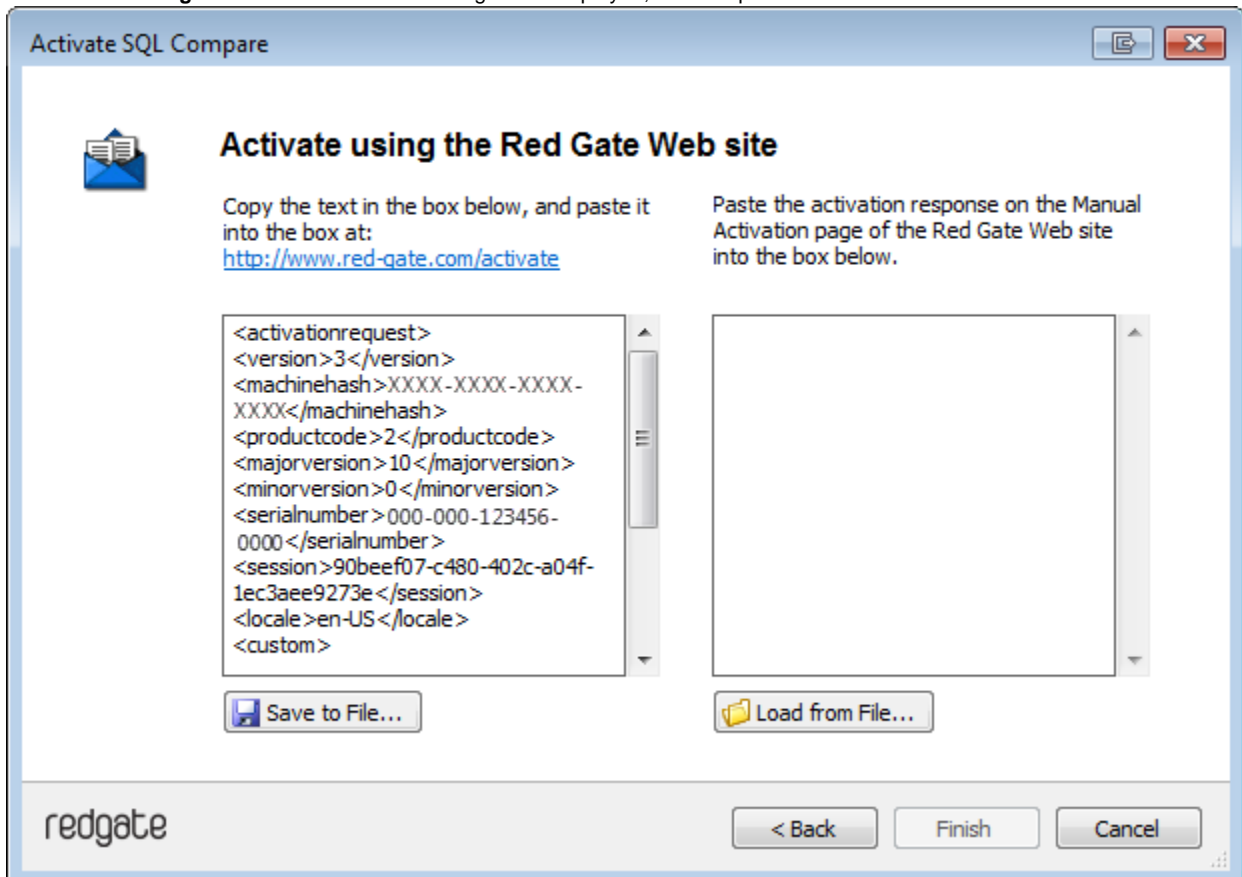
You can use manual activation whenever the **Activation Error** dialog box is displayed and the **Activate Manually** button is available, for example:



To activate manually:

1. On the error dialog box, click **Activate Manually**.

The **Activate using the Red Gate Web site** dialog box is displayed, for example:



- Copy all of the activation request, and **leave this dialog box open** (if you close the dialog box, you may have to start again). Alternatively you can save the activation request, for example to a location on your network or to a USB device.
- On a computer that has an Internet connection, go to the **Manual Activation** page at <http://www.red-gate.com/activate> and paste the activation request into the box under **Step 1**.

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Manual Activation

Use the activation request from the licensing program to generate an activation response so that you can activate products on your computer.

Step 1

Paste the activation request into the box below. Make sure you paste all of the text.

```
<activationrequest>
<version>3</version>
<machinehash>XXXX-XXXX-XXXX-
XXXX</machinehash>
<productcode>2</productcode>
<majorversion>10</majorversion>
<minorversion>0</minorversion>
<serialnumber>000-000-123456-
0000</serialnumber>
<session>90beef07-c480-402c-a04f-
1ec3aee9273e</session>
<locale>en-US</locale>
<custom>
```

Get Activation Response

Step 2

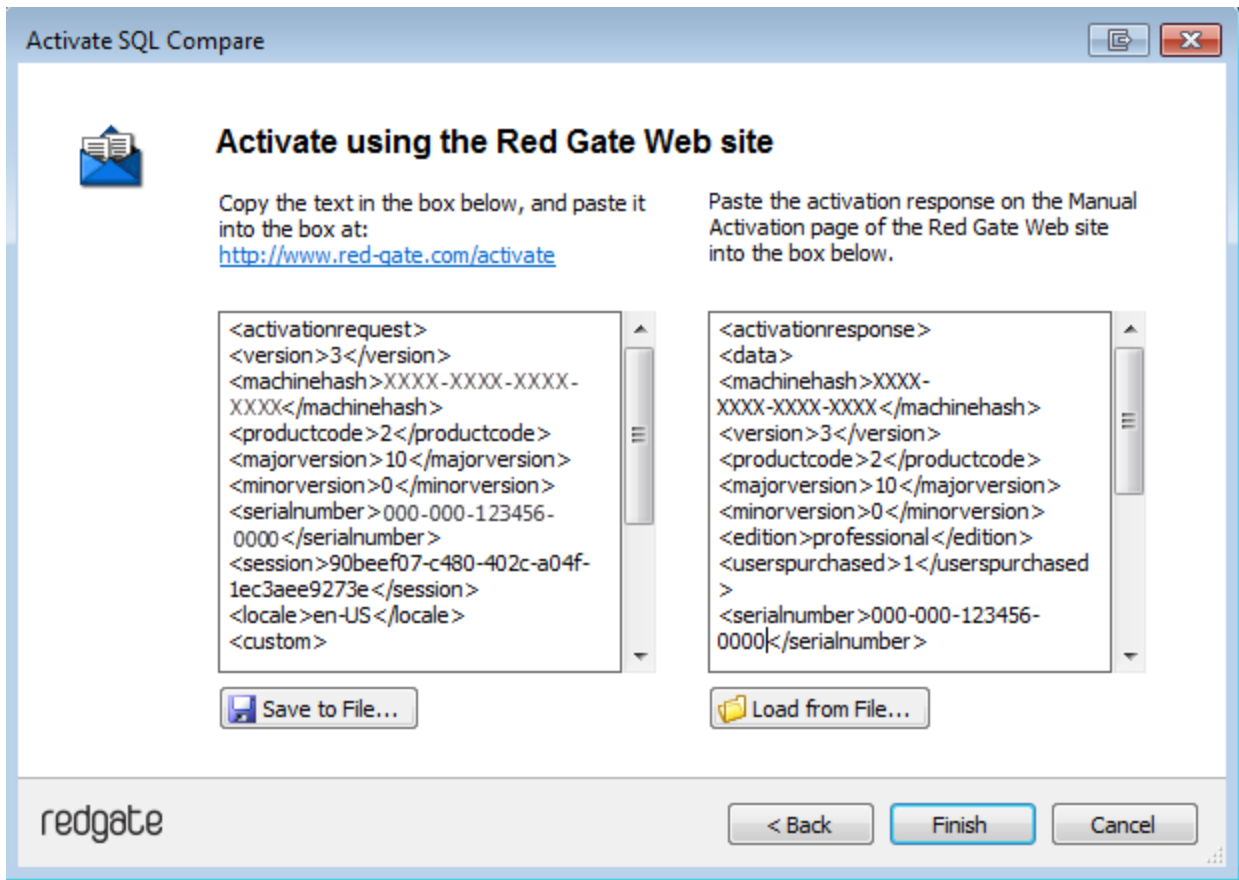
Copy the contents of this box into your product activation dialog box.

Save to File...

Got a question?


0800 169 7433
shop@red-gate.com

- Click **Get Activation Response**.
- When the activation response is displayed under **Step 2**, copy all of it. Alternatively you can save the activation response to a .txt file.
- On the computer where the licensing and activation program is running, paste the activation response or if you saved it, load it from the file.




7. Click **Finish**.
The **Activation successful** page is displayed.
8. Click **Close**.
You can now continue to use your product.

Deactivating

 This page applies to several Redgate products, so the screenshots below may not match your product.

 [Download deactivation tool](#)

You can use the deactivation tool to deactivate a serial number so you can reuse it on another computer. You can also use it to deactivate serial numbers for products you've uninstalled.

 When you deactivate a serial number for a bundle of products, all the products in the bundle are deactivated. For information about what products are in your bundle, see [Bundle history](#).

To deactivate a serial number, your computer must have an internet connection. If you can't deactivate a serial number, you can [request additional activations](#) for that serial number. You may need to do this if:

- your computer doesn't have an internet connection
- your network uses a proxy server that interrupts contact between the product and the Redgate activation server
- your serial numbers aren't displayed in the deactivation tool (eg if the product installation is corrupted)

Deactivating using the command line

Open a command prompt, navigate to the folder where your product executable file is located and run a command with the following syntax:

```
<productEXE> /deactivateSerial
```

For example:

```
sqlcompare /deactivateSerial
```

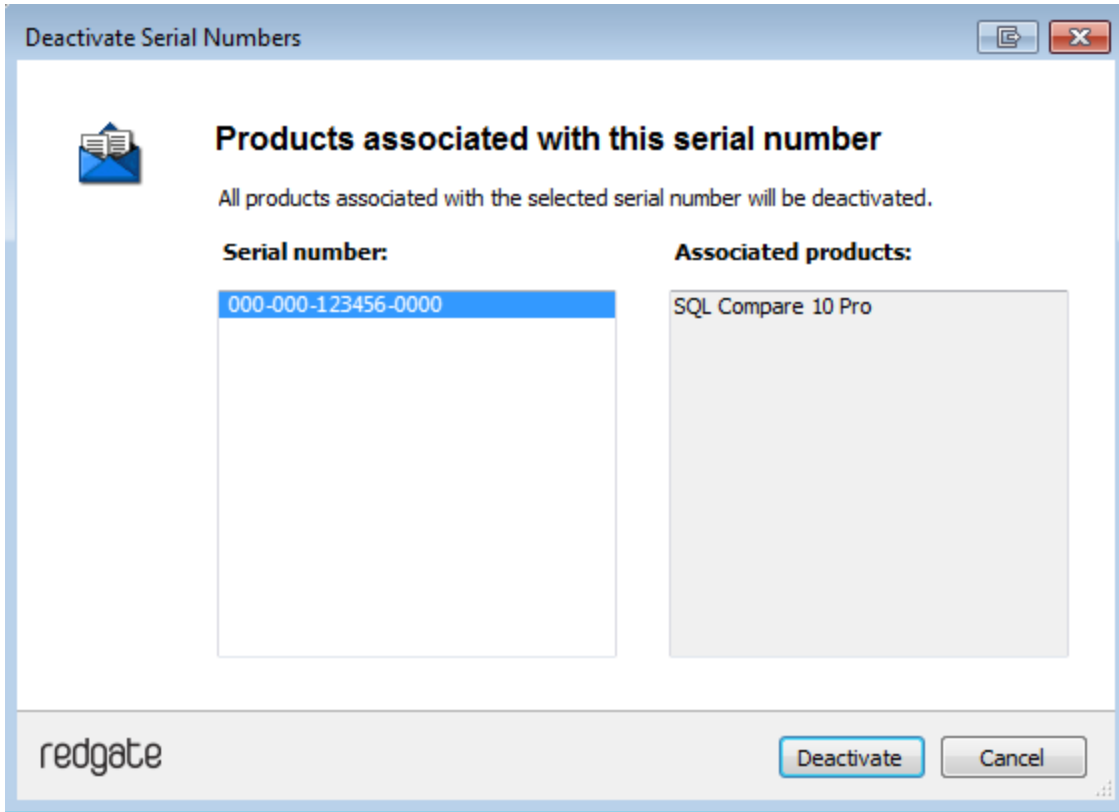
The **Deactivate Serial Numbers** dialog box is displayed. Follow the instructions below.

Deactivating using the GUI

To deactivate your products:

1. Start the deactivation tool. To do this, either [download](#) the tool and run the executable file, or on the **Help** menu of the product, click **Deactivate Serial Number**.

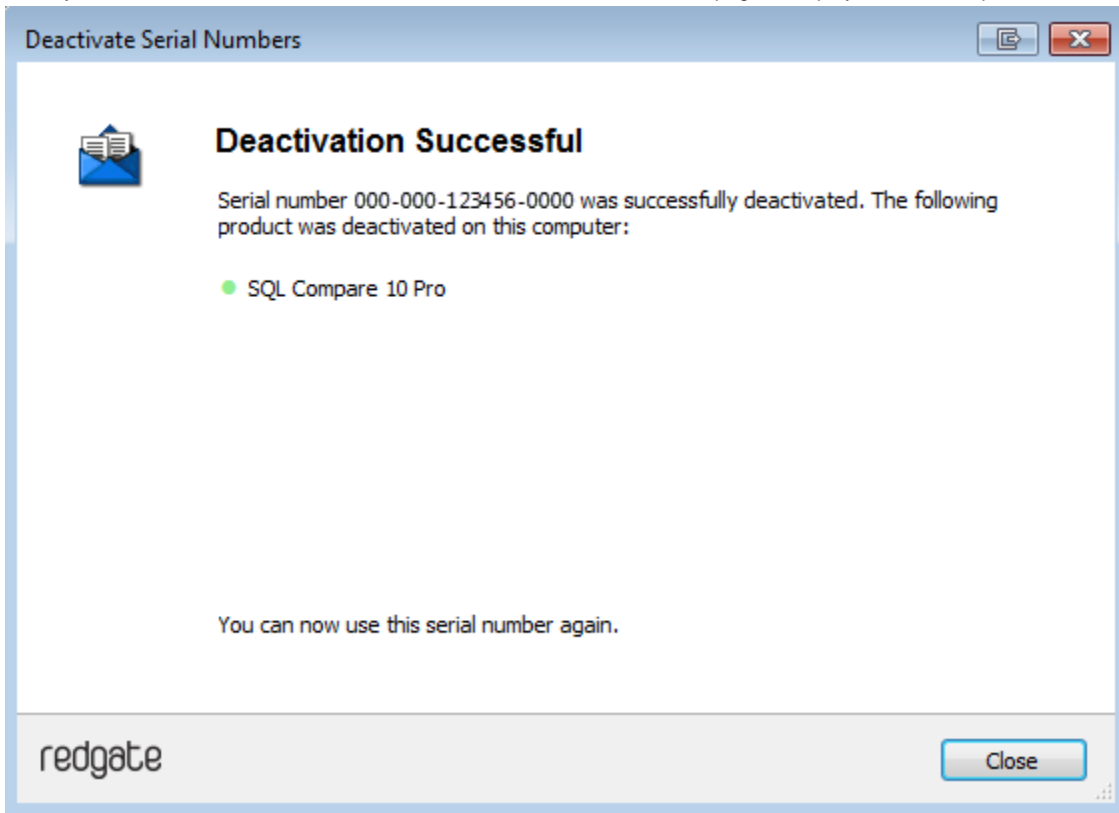
The **Deactivate Serial Numbers** dialog box is displayed. For example:



If you're running the executable file, the dialog box displays all the serial numbers for Red Gate products that have been activated on your computer.

If the serial number is for a bundle, all the products in the bundle are displayed under **Associated products**.

2. Select the serial number you want to deactivate and click **Deactivate**.
Your deactivation request is sent to the Red Gate activation server.
3. When your deactivation has been confirmed, the **Deactivation successful** page is displayed. For example:



If there's a problem with your deactivation request, an error dialog box is displayed. For information about deactivation errors and how to resolve them, see [Troubleshooting licensing and activation errors](#).

4. Click **Close**. You can now use this serial number on a different computer.

Troubleshooting licensing and activation

This page provides information about errors you may encounter when you activate Redgate products:

- [The number of activations for this serial number has been exceeded](#)
- [This serial number has been disabled](#)
- [This serial number was for a trial extension](#)
- [This serial number is not registered with the activation server](#)
- [This serial number is not for <product name>](#)
- [This serial number is not for this version](#)
- [The activation request is in the wrong format](#)
- [The activation request contains an invalid machine hash](#)
- [The activation request contains an invalid session](#)
- [The activation request contains an invalid serial number](#)
- [The activation request contains an invalid product code or version number](#)
- [There's a problem deactivating your serial number](#)
- [This serial number is not activated on this computer](#)
- [Products not activated on this computer](#)

The number of activations for this serial number has been exceeded

This error message is displayed when a serial number is activated on more computers than the number of licenses that were purchased for that serial number.

When you purchase products from Redgate, we send you an invoice that includes your serial numbers. The serial numbers enable you to activate the software a number of times, depending on how many licenses you purchased and the terms in the [license agreement](#). When this limit is reached, you will see this error message.

To fix the problem, you can:

- [deactivate](#) the product on another computer to free up a license
- [purchase](#) more licenses
- [request additional activations](#) for your serial number

This serial number has been disabled

This error message is displayed when you try to activate a product using a serial number that Redgate has disabled.

When you upgrade a product, your existing serial numbers will be disabled and we will issue new ones with your invoice. If you cannot find your new serial numbers, you can review them at <http://www.red-gate.com/myserialnumbers>

Redgate will also disable serial numbers for non-payment of invoices or breach of the terms in the [license agreement](#). If you think we have disabled your serial numbers in error, email licensing@red-gate.com

This serial number was for a trial extension

This error message is displayed when you have requested a trial extension and you try to reuse the serial number that was provided for the trial extension; trial extensions can be used one time only.

To continue using the product, you need to [purchase it](#).

This serial number is not registered with the activation server

This error message is displayed when the serial number you entered does not exist on the Redgate activation server.

To find out your serial numbers, check your invoice or go to <http://www.red-gate.com/myserialnumbers>

This serial number is not for <product name>

This error message is displayed when the serial number you entered is not for the product you are trying to activate.

To find out your serial numbers, check your invoice or go to <http://www.red-gate.com/myserialnumbers>

This serial number is not for this version

This error message is displayed when the serial number you entered is for a different version of the product you are trying to activate.

If the serial number is for an older version of the product, and you don't have that version installed on your computer, you can download it from the [Release notes and other versions page](#).

If you want to upgrade to the latest version of the product, go to the [Upgrade center](#) to get a quote or purchase an upgrade, or email sales@red-gate.com.

The activation request is in the wrong format

This error message is displayed:

- if your internet connection does not allow SOAP requests.
Try using manual activation; on the error dialog box, click **Activate Manually**, and then follow the instructions that are displayed.
- if you are activating by email and there is a problem with the format of the activation request.
Check that you copied and pasted all of the activation request.
Alternatively, try using manual activation. Go to <http://www.red-gate.com/activate> and paste your activation request under **Step 1**.
- when you are using manual activation and there is a problem with the format of the activation request. If the format is incorrect, for example part of the request is missing, the Redgate activation server cannot process the request.
Check that you copied and pasted all of the activation request.

For more information about activating manually, see [Manual activation](#).

The activation request contains an invalid machine hash

This error message is displayed:

- if your internet connection does not allow SOAP requests.
Try using manual activation; on the error dialog box, click **Activate Manually**, and then follow the instructions that are displayed. For more information, see [Manual activation](#).
- when you are using manual activation and there is a problem with the format of the *machinehash* element in the activation request. The *machinehash* is a checksum of attributes from your computer. We use the *machinehash* to identify computers on which our products have been activated. If the format of the *machinehash* element is incorrect, the Redgate activation server cannot process the request.
Check that you copied and pasted the activation request correctly.

The activation request contains an invalid session

This error message is displayed:

- if your internet connection does not allow SOAP requests.
Try using manual activation; on the error dialog box, click **Activate Manually**, and then follow the instructions that are displayed. For more information, see [Manual activation](#).
- when you are using manual activation and there is a problem with the format of the activation request. If the format of the *session* element is incorrect, the Redgate activation server cannot process the request.
Check that you copied and pasted the activation request correctly.

The activation request contains an invalid serial number

This error message is displayed:

- if your internet connection does not allow SOAP requests.
Try using manual activation; on the error dialog box, click **Activate Manually**, and then follow the instructions that are displayed. For more information, see [Manual activation](#).
- when you are using manual activation and there is a problem with the format of the activation request. If the format of the serial number is incorrect, the Redgate activation server cannot process the request.
Check that you copied and pasted the activation request correctly.

The activation request contains an invalid product code or version number

This error message is displayed:

- if your internet connection does not allow SOAP requests.
Try using manual activation; on the error dialog box, click **Activate Manually**, and then follow the instructions that are displayed. For more information, see [Manual activation](#).
- when you are using manual activation and there is a problem with the format of the activation request. If the product code or version numbers are incorrect, the Redgate activation server cannot process the request.
Check that you copied and pasted the activation request correctly.

There's a problem deactivating your serial number

This error message is displayed if your computer is not connected to the internet or your internet connection does not allow SOAP requests. You cannot deactivate a serial number if your computer does not have an internet connection.

Try deactivating again later. If the problem persists, contact your system administrator.

If you require more activations because you cannot deactivate your serial number, you can request them on the [Request Extra Activations](#) page.

This serial number is not activated on this computer

This error message is displayed when you try to deactivate a serial number that has not been activated on your computer.

If you think the product installation on your computer is corrupt, you can try re-activating the product, and then deactivating the product again.

If you require more activations because you cannot deactivate your serial number, you can request them on the [Request Extra Activations](#) page.

Products not activated on this computer

This error message is displayed when you try to deactivate a serial number for a bundle of Redgate products and those products were not activated on your computer.

If you think the product installation on your computer is corrupt, you can try re-activating the product, and then deactivating the product again.

If you require more activations because you cannot deactivate your serial number, you can request them on the [Request Extra Activations](#) page.

Upgrading

Minor releases are free for all users. For example, if you have a license for version 7.0 of a product, you can upgrade to version 7.1 at no cost. When you download and install a minor release, the product is licensed with your existing serial number automatically.

Major releases are free for users with a current Support and Upgrades contract. For example, if you have a license for version 7 of a product, you can upgrade to version 8 at no cost. When you download and install a major release, the product is licensed with your existing serial number automatically.

If you don't have a current Support and Upgrades contract, installing a major release will start a free 14-day trial. You'll need to buy a new license and activate the product with your new serial number.

To check whether you have a current Support and Upgrades contract or see the cost of upgrading to the latest major version of a product:

- visit the [Upgrade Center](#)
- email sales@red-gate.com
- call:
 - 1 866 733 4283 (toll free USA and Canada)
 - 0800 169 7433 (UK freephone)
 - +44 (0)870 160 0037 (rest of world)

To check the latest version of a product, see [Current versions](#).

How to upgrade

You can download the latest version of a product using [Check for Updates](#), the [Upgrade Center](#), or the [Redgate website](#).

- If you download the latest version from the Upgrade Center or our website, you need to run the installer to upgrade the product.



Some Redgate products are available as part of bundle. You can select which products you want to upgrade when you run the installer.


- If you use Check for Updates, the installer runs automatically.




You can install the latest *major* version of any product (other than SQL Backup Pro) on the same machine as the previous version. For example, you can run version 9 and version 10 in parallel. However, installing a *minor* release will upgrade the existing installation.

To revert to an earlier version, uninstall the later version, then download and install the version you want from the Release notes and other versions page. You can use a serial number for a later version to activate an earlier version.

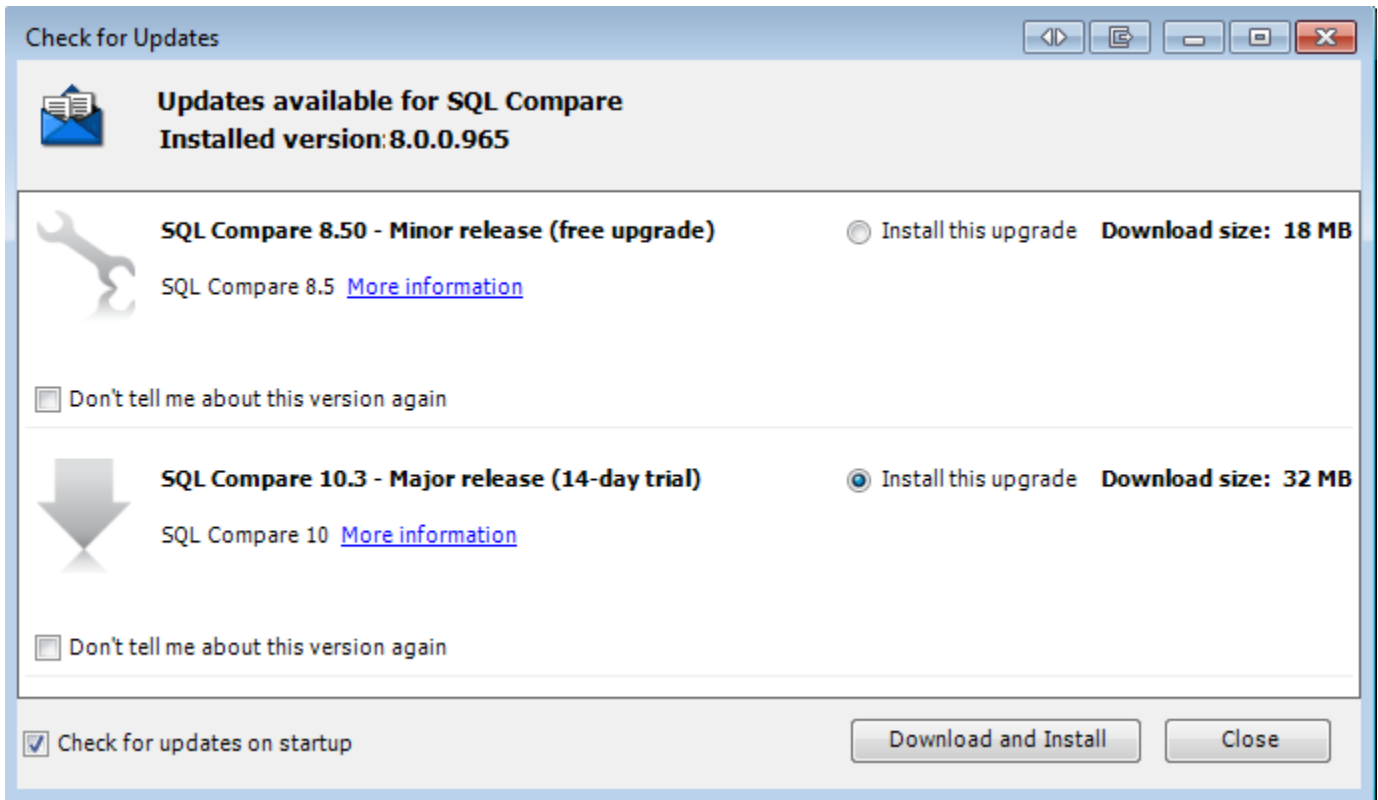
Using Check for Updates

 This page applies to several Redgate products, so the screenshots below may not match your product.

The Check for Updates service checks whether a more recent version of the product is available to download. To use the service, your computer must have a connection to the internet. If your internet connection uses a proxy server, make sure your web browser connection settings are configured correctly.


 The Check for Updates service doesn't work with automatic configuration scripts.

To check for updates for a Redgate product, on the **Help** menu, click **Check for Updates**. Any available updates are listed:



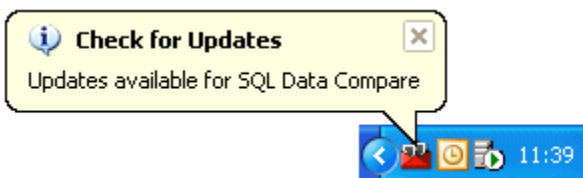
To view the full release details in your default web browser, click **More information**.

To get the update, click **Download and Install**. If you have a choice of updates, choose by selecting **Install this upgrade**, and then click **Download and Install**.

 The installer will ask you to close the program. If you're upgrading an add-in, you'll also be asked to close the host program (SQL Server Management Studio, Visual Studio or Query Analyzer).

About the Check for Updates service

When you start the application, the Check for Updates service informs you automatically when there are updates available:



If you don't want to receive these notifications for the product, clear the **Check for updates on startup** check box.

If you don't want the Check for Updates service to inform you about a particular update again, select the **Don't tell me about this version again** check box. The Check for Updates service will still inform you of new updates when they become available.

Troubleshooting Check for Updates errors

For details about how to use the Check for Updates service, see [Using Check for Updates](#).

There is a problem saving the download file to your computer

This error message is displayed if:

You don't have enough disk space

The Check for Updates service downloads the updates to the location defined by the *RGTEMP* environment variable, or the *TMP* variable if the *RGTEMP* variable doesn't exist.

If you don't have enough disk space, you can change the environment variable to a location with more space.



Changing the *RGTEMP* or the *TMP* variables will affect other programs that use those variables. The *RGTEMP* variable affects only Redgate programs. For information about environment variables, see your Windows documentation.

There's a problem with permissions on your computer

The Check for Updates service downloads the updates to the location defined by the *RGTEMP* environment variable, or the *TMP* variable if the *RGTEMP* variable does not exist. If your user account doesn't have permissions to write to the location specified by these environment variables, contact your system administrator.

There's a problem with the download file on the Redgate web server

Contact [Redgate support](#).

There is a problem with the network connection

This error message is displayed if:

Your internet connection dropped while the Check for Updates service was downloading the updates

Try checking for updates again later.

Proxy authentication failed

Check your user name and password.

Your computer can't connect to the Check for Updates service.

Contact your system administrator. If you're using a proxy server, check it's configured correctly (see Control Panel > Internet Options > Connections).



The Check for Updates service doesn't work with automatic configuration scripts.

There's a problem with the download file on the Redgate web server

Contact [Redgate support](#).

Worked example - generating and viewing documentation

This worked example demonstrates how to generate database documentation for a schema in an Oracle database.

The example has six steps:

1. [Setting up the example schema](#)
2. [Setting up the documentation project](#)
3. [Viewing the schema objects](#)
4. [Selecting the schemas and objects to document](#)
5. [Generating the documentation](#)
6. [Viewing the documentation](#)

1. Setting up the example schema

The worked example uses the WIDGETDEV schema. To create the schema on your Oracle server:

1. Copy this SQL creation script for the schema:

```
----- WIDGET DEV -----
DROP USER WidgetDev CASCADE;
CREATE USER WidgetDev IDENTIFIED BY password;
GRANT UNLIMITED TABLESPACE TO WidgetDev;
GRANT CONNECT TO WidgetDev;
GRANT CREATE SESSION TO WidgetDev;
GRANT ALTER ANY TABLE TO WidgetDev;
GRANT CREATE ANY INDEX TO WidgetDev;
GRANT CREATE ANY PROCEDURE TO WidgetDev;
GRANT CREATE ANY VIEW TO WidgetDev;
/
CREATE TABLE WidgetDev.WidgetPrices (
  RecordID INTEGER NOT NULL ,
  WidgetID INTEGER NULL ,
  Price INTEGER NULL ,
  DateValidFrom DATE NULL ,
  DateValidTo DATE NULL ,
  Active CHAR(1) NULL
);

ALTER TABLE WidgetDev.WidgetPrices MODIFY DateValidFrom DATE DEFAULT sysdate ;
ALTER TABLE WidgetDev.WidgetPrices MODIFY Active CHAR DEFAULT ('N');
ALTER TABLE WidgetDev.WidgetPrices ADD CONSTRAINT PK_WidgetPrices PRIMARY KEY
(RecordID);

CREATE INDEX WidgetDev.IX_WidgetPrices_1 ON WidgetDev.WidgetPrices(WidgetID);
CREATE INDEX WidgetDev.IX_WidgetPrices_2 ON
WidgetDev.WidgetPrices(DateValidFrom);
CREATE INDEX WidgetDev.IX_WidgetPrices_3 ON WidgetDev.WidgetPrices(DateValidTo);

GRANT SELECT ON WidgetDev.WidgetPrices TO public;

CREATE TABLE WidgetDev.Widgets (
  RecordID INTEGER NOT NULL ,
  Description VARCHAR2 (50) NULL ,
  SKU VARCHAR2 (20) NULL
);
```

> [Expand](#)

[source](#)

```

CREATE TABLE WidgetDev.WidgetReferences (
  WidgetID INTEGER NOT NULL,
  Reference VARCHAR2(25) NULL
);

ALTER TABLE WidgetDev.WidgetReferences ADD CONSTRAINT PK_WidgetReferences PRIMARY
KEY (WidgetID);
ALTER TABLE WidgetDev.Widgets ADD CONSTRAINT PK_Widgets PRIMARY KEY (RecordID);

GRANT SELECT ON WidgetDev.Widgets TO PUBLIC;

ALTER TABLE WidgetDev.WidgetPrices ADD CONSTRAINT FK_WidgetPrices_Widgets FOREIGN
KEY (WidgetID) REFERENCES WidgetDev.Widgets(RecordID);

CREATE OR REPLACE VIEW WidgetDev.CurrentPrices AS
SELECT
WidgetID,
Price,
Description
FROM WidgetDev.Widgets INNER JOIN
  WidgetDev.WidgetPrices ON Widgets.RecordID = WidgetPrices.WidgetID
  WHERE WidgetPrices.Active = 'Y';

GRANT SELECT ON WidgetDev.CurrentPrices TO PUBLIC;

CREATE OR REPLACE PROCEDURE WidgetDev.prcActivatePrices
IS
BEGIN
  UPDATE WidgetDev.WidgetPrices SET Active='N' WHERE sysdate<DateValidTo OR
sysdate>DateValidFrom;
  UPDATE WidgetDev.WidgetPrices SET Active='Y' WHERE sysdate>=DateValidFrom OR
sysdate<=DateValidFrom;
END;
/
CREATE OR REPLACE PACKAGE WidgetDev.WidgetPackage AS
PROCEDURE addWidget(widgetID INTEGER, widgetDesc VARCHAR2, widgetSKU VARCHAR2);
PROCEDURE remWidget(widgetID INTEGER);
END WidgetPackage;
/
CREATE OR REPLACE PACKAGE BODY WidgetDev.WidgetPackage AS
PROCEDURE addWidget(widgetID INTEGER, widgetDesc VARCHAR2, widgetSKU VARCHAR2) IS
  BEGIN
    INSERT INTO WidgetDev.Widgets(RecordID, Description, SKU) VALUES(widgetID,
widgetDesc, widgetSKU);
  END addWidget;
PROCEDURE remWidget(widgetID INTEGER) IS
  BEGIN
    DELETE FROM WidgetDev.Widgets
      WHERE WidgetDev.Widgets.RECORDID = remWidget.widgetID;
  END remWidget;

```


```
END remWidget;  
END WidgetPackage;  
/  

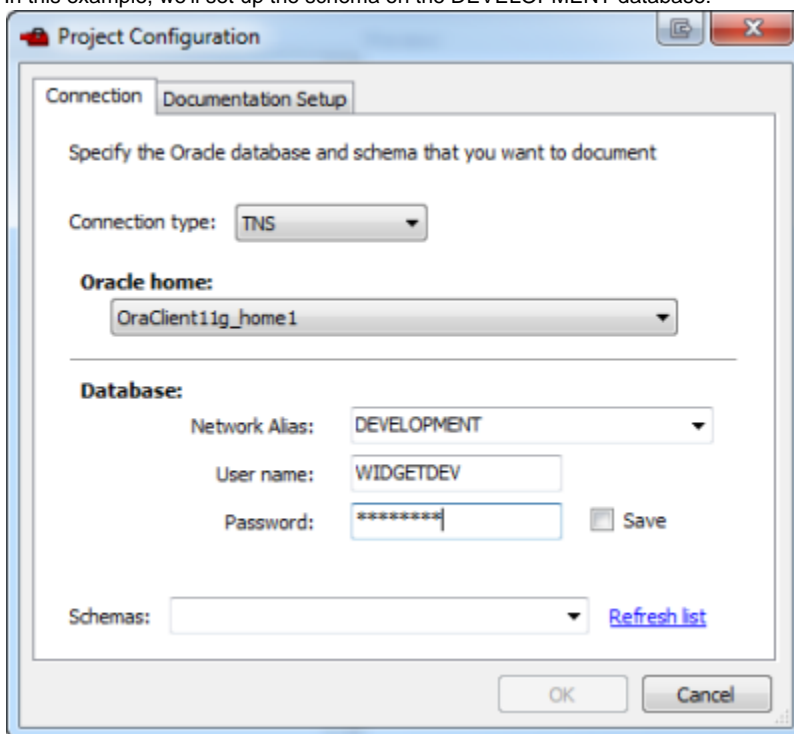
```

2. Paste the script into your SQL editor and run it on any database you choose.

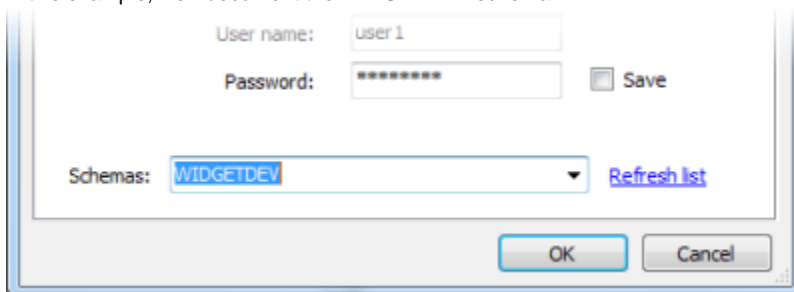
The schema is created.

2. Setting up the documentation project

1. If you haven't started Schema Doc for Oracle, select it from your **Start** menu. If it's already running, click  **New Project** to open the **Project Configuration** dialog box.
2. On the **Connection** tab, enter connection details for the database on which you set up the WIDGETDEV schema.
3. In the **User name** box, type *WIDGETDEV*. In the **Password** box, type *password*.
In this example, we'll set up the schema on the DEVELOPMENT database:




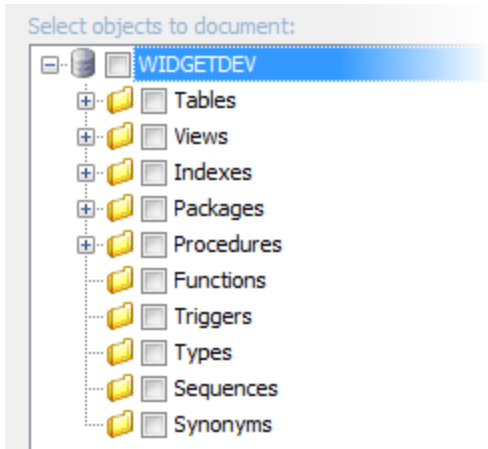
4. Under Schemas, click **Refresh list**, and select the schema you want to document from the list.
In this example, we'll document the WIDGETDEV schema:



5. Click **OK**.

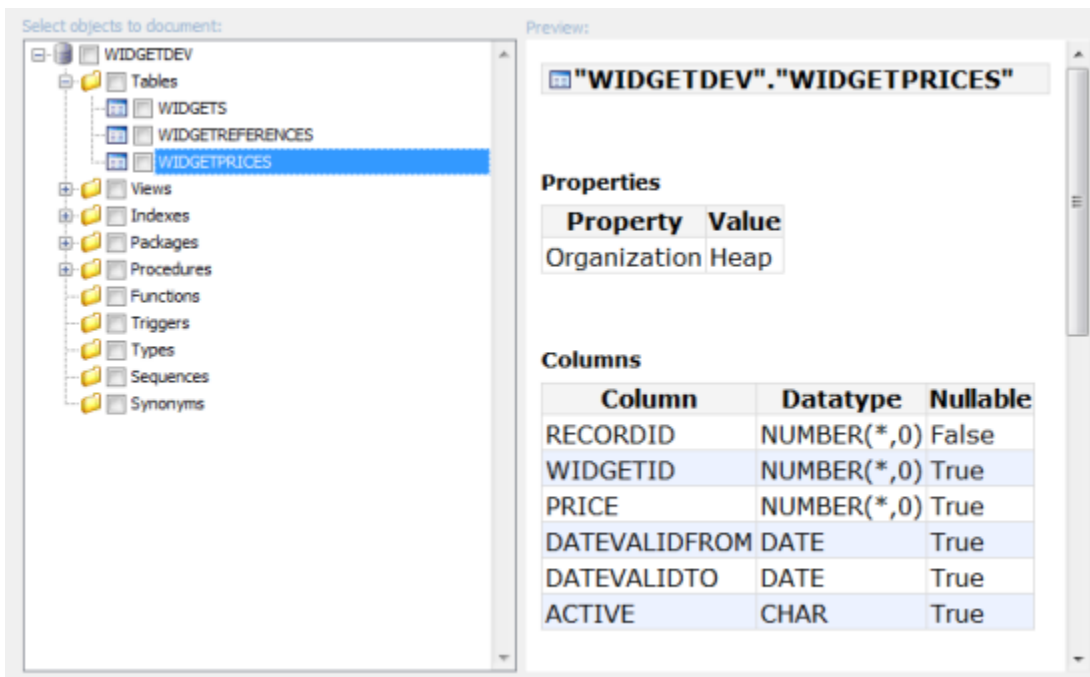
3. Viewing the schema objects

To view the objects in the WIDGETDEV schema, click  to expand the schema.



Click an object to see a preview of the documentation for that object.

For example, if you click the *WIDGETPRICES* table, the preview pane displays the table's properties, column details, and its SQL creation script:

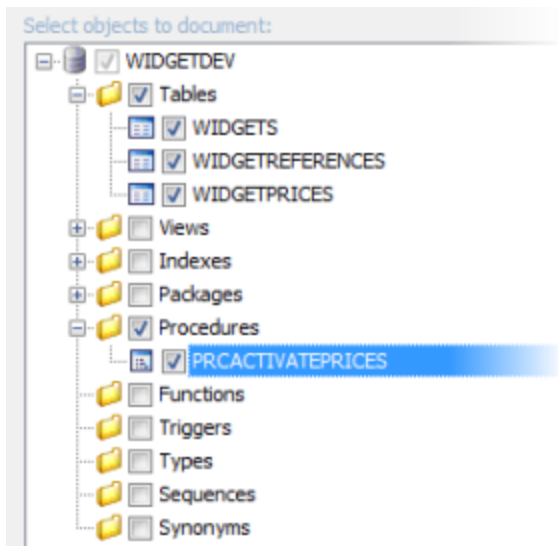


4. Selecting the schemas and objects to document

To include objects in the documentation, select the objects using the check boxes.

In this example, we'll select all the tables and the *PRCACTIVATEPRICES* stored procedure.

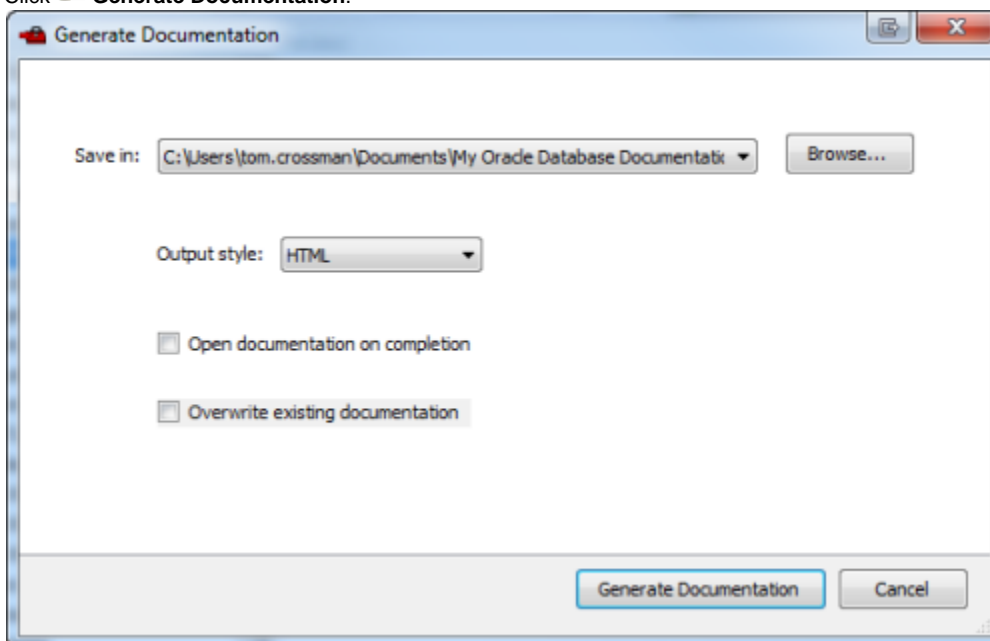
1. Select the **Tables** check box. All the tables in the database are selected.
2. Under **Procedures**, select the check box for the *PRCACTIVATEPRICES* procedure:




5. Generating the documentation

Now that we've selected the objects we want to document, we can generate the documentation:

1. Click  **Generate Documentation**.



2. On the **Generate Documentation** dialog box, in the **Save in** box, specify the location where you want Schema Doc for Oracle to create the documentation.
3. Select an **Output style**. For this example, we'll generate an **HTML** web page.
4. Select the **Open documentation on completion** check box.
5. Click **Generate Documentation** to start generating the documentation.
6. Click **OK** to close the message box.
7. Click  **Save Project** on the Schema Doc for Oracle toolbar to save the project. The project configuration, object-selection, and generation settings are stored so they are available next time you open the project.

6. Viewing the documentation

Schema Doc for Oracle opens the database documentation in your default web browser:



If JavaScript isn't enabled in your web browser, a message is displayed to inform you that you can't use the navigation on the left of the window.