



iBrowse

Wizard Installation

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Installation Guide
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1 Introduction

1.1 About This Guide

This guide is intended to show implementers and authorized/responsible IT personnel how to install iBrowse on the Windows 2008 Server operating system.

NOTE: See *iBrowse Installation Manual* for manual installation procedures.

1.2 iBrowse Overview

iBrowse enables employees and managers to access data for review and to perform transactions. Access to information is predefined and controlled according to authorization levels, so only information that is relevant and necessary is made available. By providing self-service capabilities to employees, managerial and HR department intervention is drastically reduced to save time and cost, and to increase productivity.

iBrowse provides the following features and benefits:

- Direct retrieval of information to eliminate the need to involve HR and payroll departments
- Independent data updates, subject to an authorization process, for a more efficient workflow
- Automated requests to enable employees and managers to submit and approve requests, such as vacation leave, thus saving valuable time and resources.

2 Pre-requisites

The following must be done **by the customer** prior to your arrival at the customer, or prior to the pre-installation procedures.

- Ensure that the customer has provided for the correct hardware requirements specified in the documentation for all applications to be installed.
- Ensure that the customer installs **IIS** (Internet Information Services) and **Component Services** on the server.
- Ensure that the customer installs **.NET Framework 3.5 Service Pack 2** on the server.

3 Defining the iBrowse Authenticated User

Before you begin the installation setup, define the Windows user.

One Server Configuration							
Privileges in Installation Process				Privileges After Installation			
COM	TK	TKSQL	IIS	COM	TK	TKSQL	IIS
Admin	Admin	Admin	Admin	User	User	User	User

It is critical to have all required configuration settings defined before you under your installation. As a "best practice", enter your configuration settings in a worksheet like the one below as a prerequisite to beginning the installation procedure.

Distributed Server Configuration	
Privileges in Installation Process	Privileges After Installation

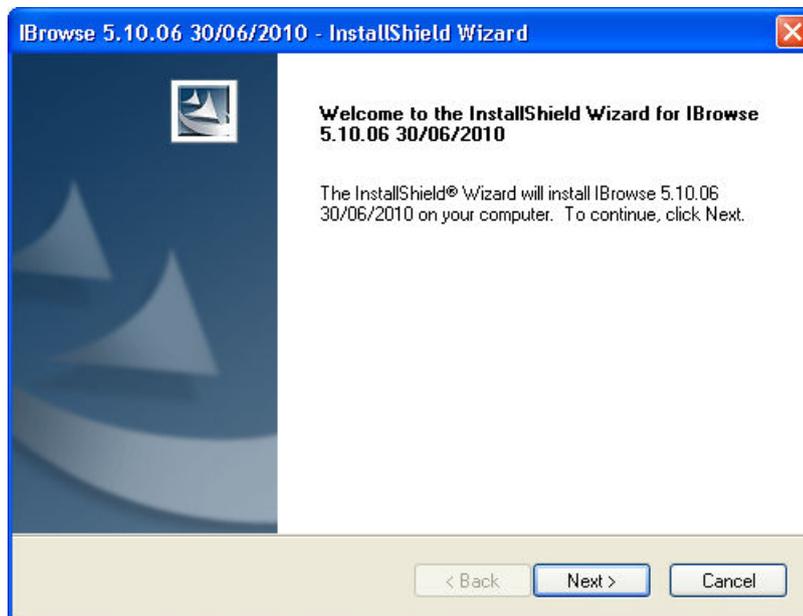
4 Installation Wizard

The iBrowse Installation Wizard is provided as part of the "off-the-shelf" product package. It can be found in the root directory of the product disk.

4.1 Installing iBrowse Wizard

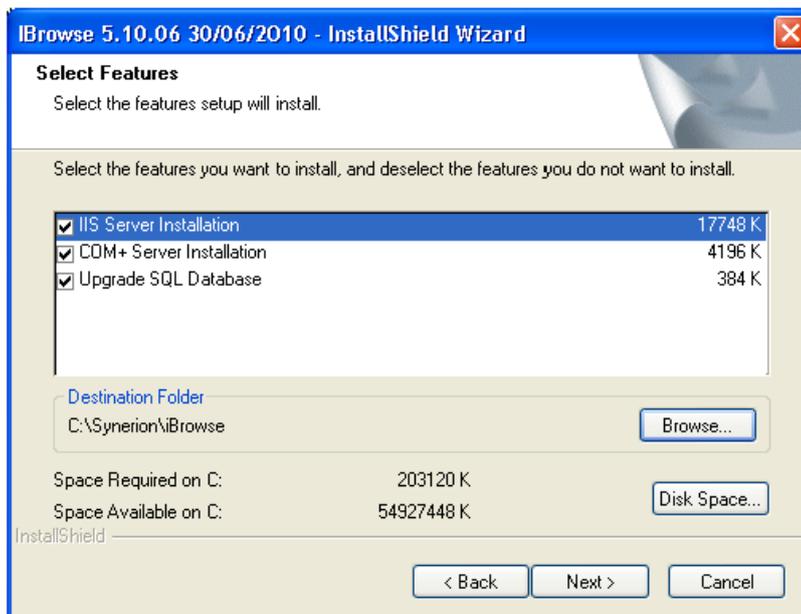
 To perform automatic installation:

1. Run the **iBrowse Setup.exe** file. The **Welcome** screen appears, displaying the iBrowse version number that you are installing.



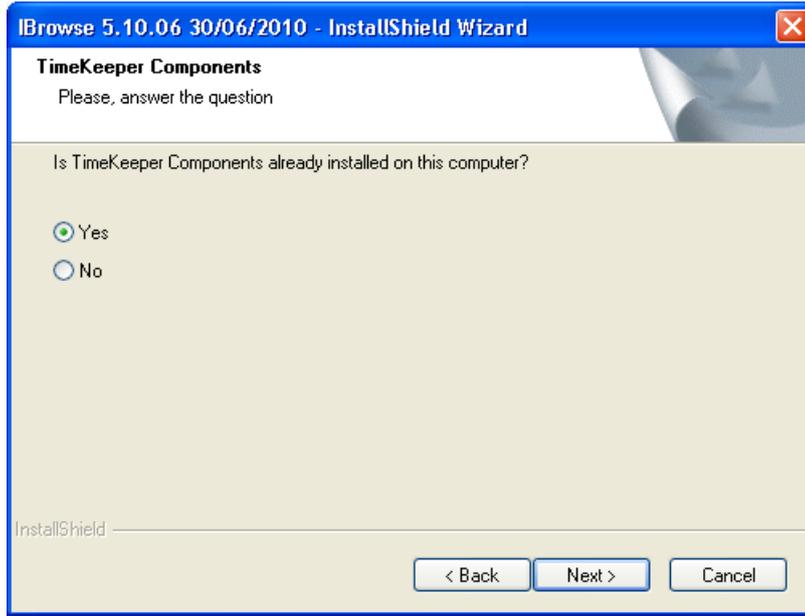
2. Click **Next**. The **Select Features** screen is displayed.
3. Select the components you want to install.
 - **IIS Server Installation** - open a library named **ibrw_web**, copy the **asp.net** files, and install a website or virtual directory.
 - **COM+ Server Installation**- open a library named **ibrw_obj**, copy the **icrepsql.dll** and **icbol.dll** files, and install the Component Service (+COM).
 - **Upgrade SQL Database** - upgrade database by running the **storeProc.sql** file and every SQL script that belongs to the specific version, for example, upgrading the profiles table **cnfProf**.

- The following components are installed as per your selections (see above):
 - **ibrw_web** - used for installing a website or a virtual directory
 - **ibrw_obj** - used for installing +COM
 - **ibrw_tksql** - used for installing TimeKeeper components in situations where the software is installed on a server other than the +COM server
 - **log** - the automatic file installation library and the log files for finding errors
4. In **Destination Folder**, verify the target installation folder (for example, **C:\Synerion\iBrowse**).

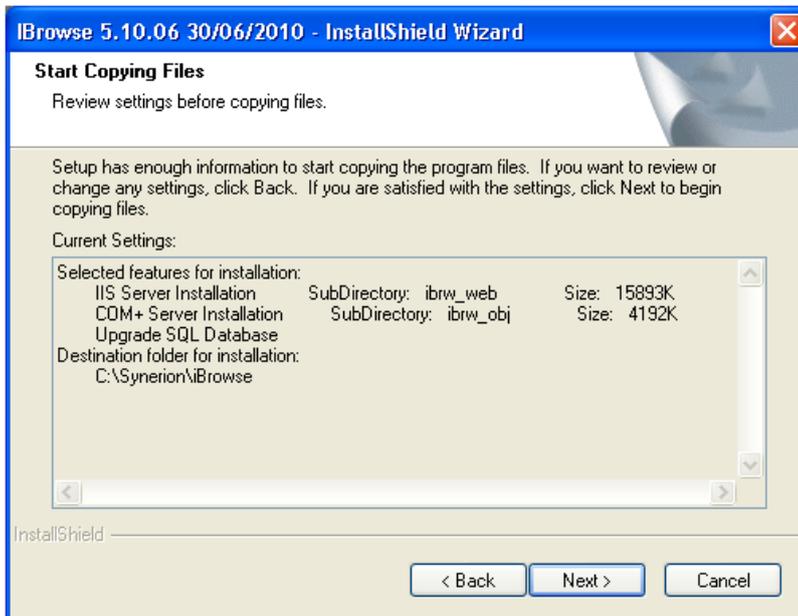


(To select a location other than the default, click **Browse** and enter your choice via the **Browse** mechanism.)

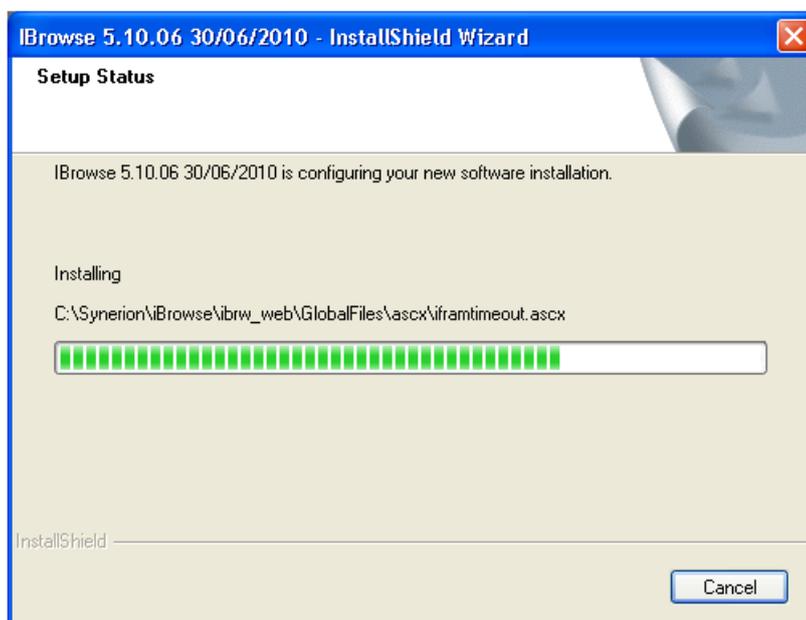
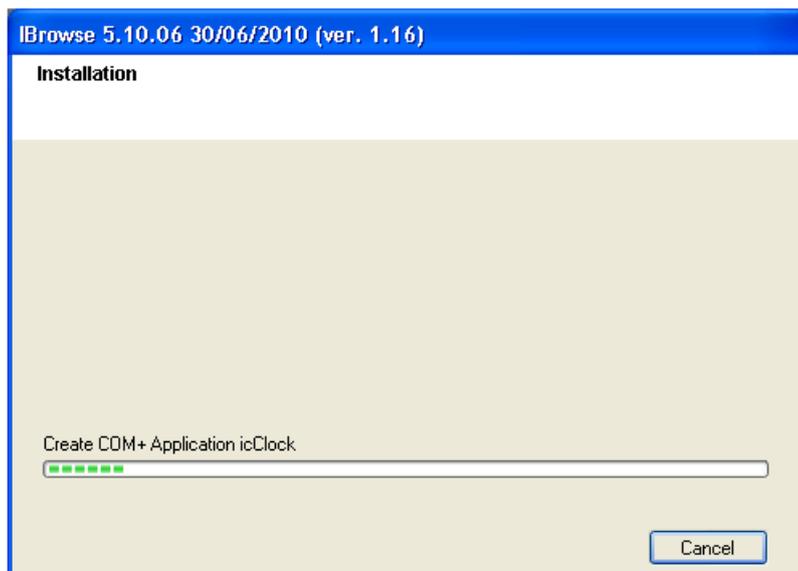
5. Click **Next**. If you selected to install COM components, the **TimeKeeper Components** screen is displayed briefly. If not, you will see the next screen, the **Start Copying Files** screen (see the next step in this procedure).
- **Yes** - the TimeKeeper program is installed on this computer. Nothing will be implemented.
 - **No** - the TimeKeeper program is not installed on this computer, but another computer. The installation program will open a new library named **ibrw_tksql**, and in this location, it will copy and register all TimeKeeper's .dll files.



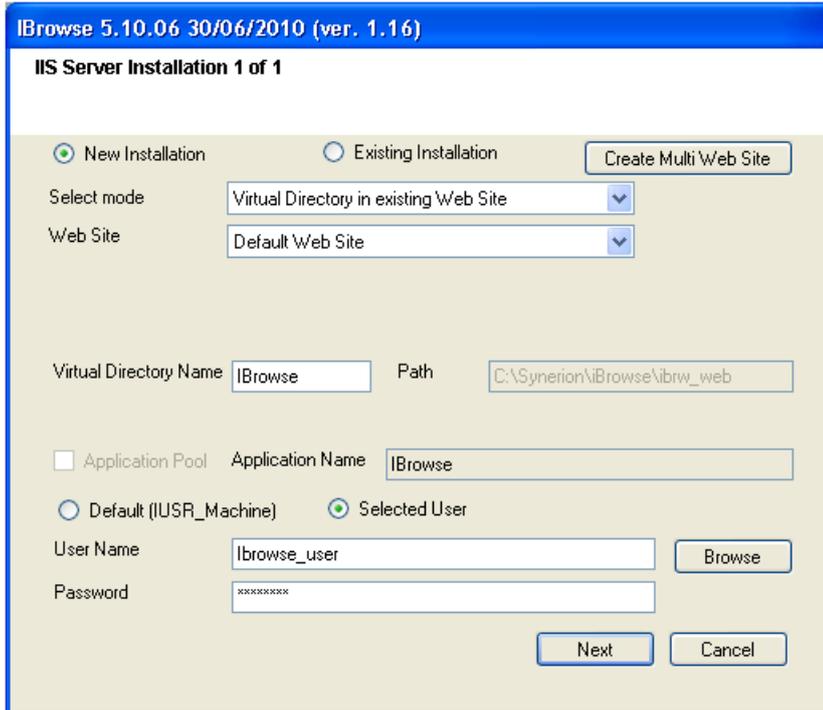
6. Click **Next**. The **Start Copying Files** screen is displayed.



7. Review the settings, and click **Next**. The Installation screen and then the **Setup Status** screens are displayed.



After a brief delay, the **IIS Server Installation** screen is displayed.



8. At the top of the **IIS Server Installation** screen, the correct installation option will be selected automatically by the installation program:
 - **New** - for the first installation on the server and no previous manual installation. Enter all mandatory data for a full installation on IIS: name and location of the site, Application Pool, user, and password.

- **Existing** - an existing installation exists on the server. Enter the location of the iBrowse site in the IIS.

iBrowse 5.11.01 31/01/2011 (ver. 1.16)

IIS Server Installation 1 of 1

New Installation Existing Installation Create Multi Web Site

Select mode: Virtual Directory

Web Site: Default Web Site

Virtual Directory:

Path: C:\iBrowse\iBrw_web

Application Pool Application Name: iBrowse

Default (IUSR_Machine) Selected User

User Name: Browse

Password:

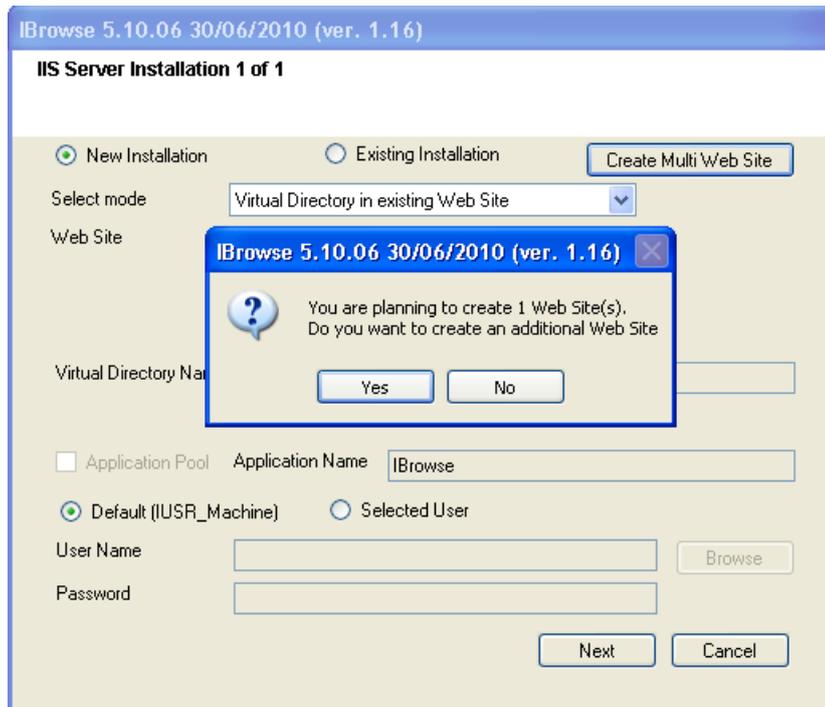
Next Cancel

9. In **Select Mode**, select one of the three possibilities for installing iBrowse:
 - **Virtual Directory in Existing Web Site** - create a virtual library in an existing web site (standard selection).
 - **Web Site** - installing iBrowse as a website.
 - **Virtual Directory in New Web Site** - create a virtual library in a new web site. This enables library definitions for the website that will be different from that of the iBrowse library. If you select this option, you must activate the site from IIS.
10. From the bottom of the **IIS Server Installation** screen, select values for the following options:
 - **Application Pool** – default; do not change the value that appears automatically.
 - **Default (IUSR_Machine)** – recommended to use the default.
 - **Selected User** – enabling this option allows you to choose a name from a list of users saved in the system. The **Select User** dialog is

available when this option is selected.



- **User Name** – enter or select a user name.
 - **Password** – enter a password.
11. Follow one of these installation paths:
 - If you are installing only one website, skip to **step 15**.
 - If you are installing two or more websites, continue with **step 12** and then proceed as usual.
 12. (Optional) To install more than one iBrowse site on IIS, select **<Create Multi Web Site>**. The following message is displayed:



13. Click **Yes** for each additional website that you want to create, and enter the site's details in the **IIS Server Installation 1 Of 1** screen.
14. Update the **iBrowse.ini** file manually. This file must be configured according to the iBrowse site being defined; the definitions will be added to the end of the file under the different sections. The title of each section is the name of the iBrowse site; under each section, only

the parameters that are different from the default (**SYS_PARAM**) are listed.

15. Activate the sites.

- If you activate the site via a default user **IUSR_MachineName**, the **User name** and **Password** fields remain disabled.
- If you activate the site via **Selected User** - a user defined in advance for iBrowse purposes - write the full user name as identified in the domain, for example, **ACME_DOMAIN\jim**. If necessary, browse to find the user.

16. From the **IIS Server Installation 1 Of 1** screen, click **Next**. If you chose to install COM+ via the **COM+ Server Installation** option, the **COM+ Server Installation** screen is displayed. If you did not choose to COM+ via the **COM+ Server Installation** option, go to the next step.

The screenshot shows the 'COM+ Server Installation' dialog box. The title bar reads 'iBrowse 5.10.06 30/06/2010 (ver. 1.16)'. The main title is 'COM+ Server Installation'. There are two radio buttons: 'New Installation' (selected) and 'Existing Installation'. Below this is a 'Name' text box containing 'icClock'. There are two more radio buttons: 'Interactive User' and 'Selected User' (selected). Below these are 'User Name' and 'Password' text boxes. The 'User Name' box contains 'iBrowse_user' and has a 'Browse' button to its right. The 'Password' box contains 'XXXXXXXXXX'. At the bottom are 'Back', 'Next', and 'Cancel' buttons.

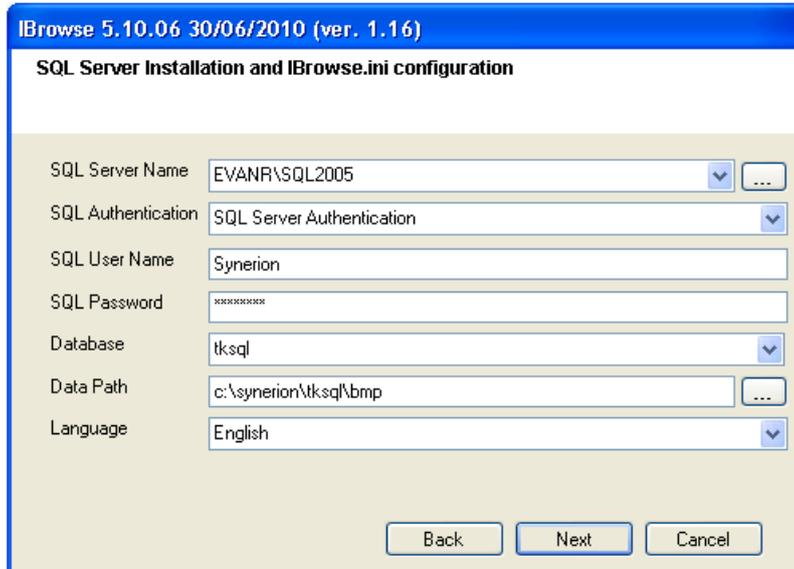
Note: *The installation program automatically selects the correct installation option.*

- **New Installation** - for the first installation on the server and no previous manual installation.
- **Existing Installation** - there is an existing manual installation on the server. You can activate the site via a default user Interactive User or via a user defined in advance for iBrowse purposes. If this is the case, write the full user name as it is identified in the domain, for example, **ACME_DOMAIN\jim**. If necessary, browse to find the user name in the domain or in the server.

17. Click **Next**.

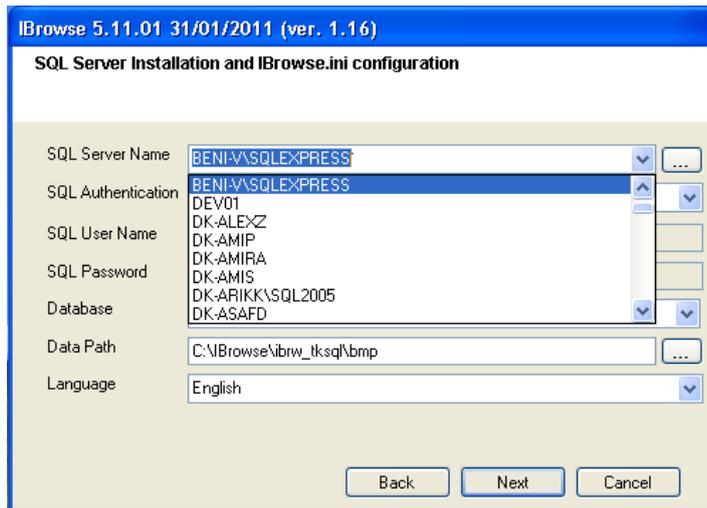
The **SQL Server Installation and iBrowse.ini configuration** screen appears only if you chose to install COM+ via the **COM+ Server**

Installation option. In this screen, you define the mandatory **ibrowse.ini** data. Additional details are defined after finishing installation from **IBView.exe**.



18. Enter the correct details; all fields are required fields.
The select mechanisms for the various fields are shown below:

- **SQL Server Name**



- **SQL Authentication**

IBrowse 5.11.01 31/01/2011 (ver. 1.16)

SQL Server Installation and iBrowse.ini configuration

SQL Server Name: BENI-\\SQLEXPRESS

SQL Authentication: Windows Authentication

SQL User Name: SQL Server Authentication
Windows Authentication

SQL Password:

Database:

Data Path: C:\Browse\ibrw_tksq\bmp

Language: English

Back Next Cancel

OR

IBrowse 5.11.01 31/01/2011 (ver. 1.16)

SQL Server Installation and iBrowse.ini configuration

SQL Server Name: BENI-\\SQLEXPRESS

SQL Authentication: SQL Server Authentication

SQL User Name:

SQL Password:

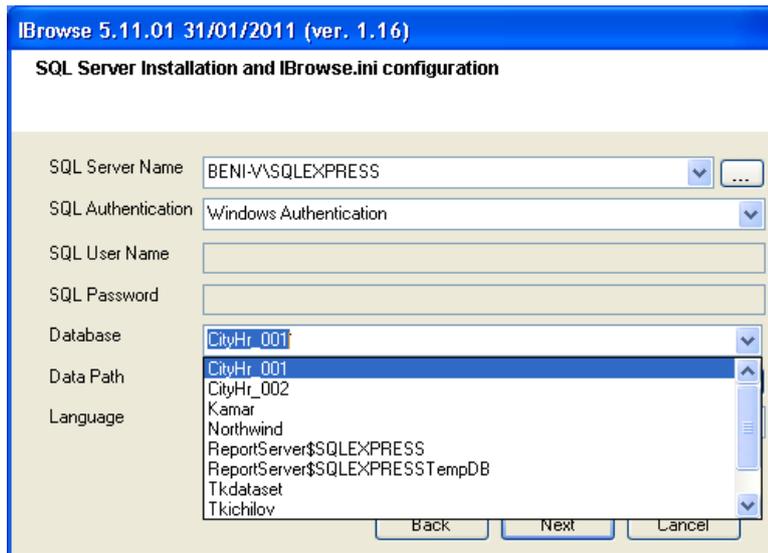
Database: CityHr_001

Data Path: C:\Browse\ibrw_tksq\bmp

Language: English

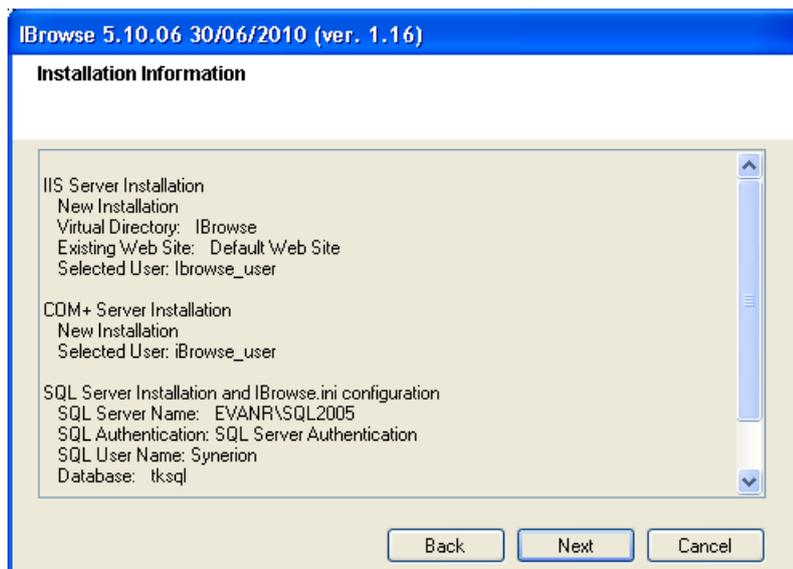
Back Next Cancel

- **Database**



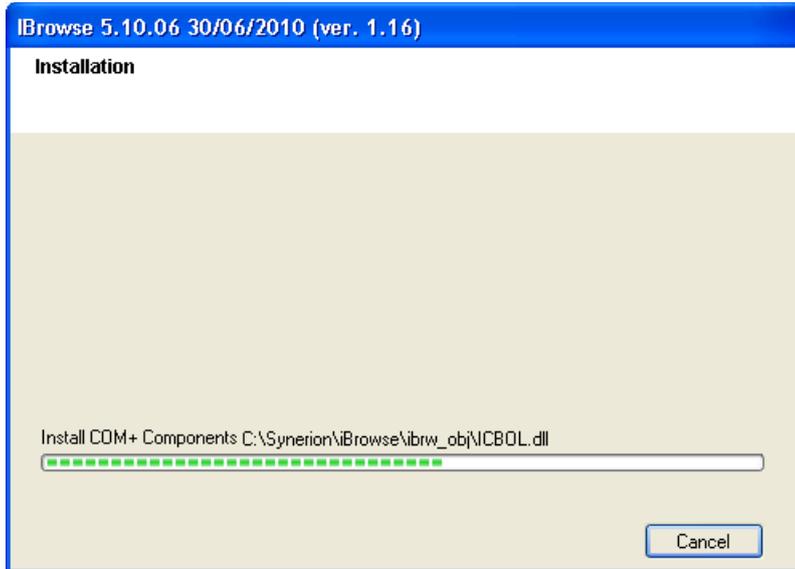
19. Click **Next** to check the connection to the database.

- If there is no connection, ask your IT manager to provide you with access to the server.
- If the connection is valid, the **Installation Information** screen is displayed.

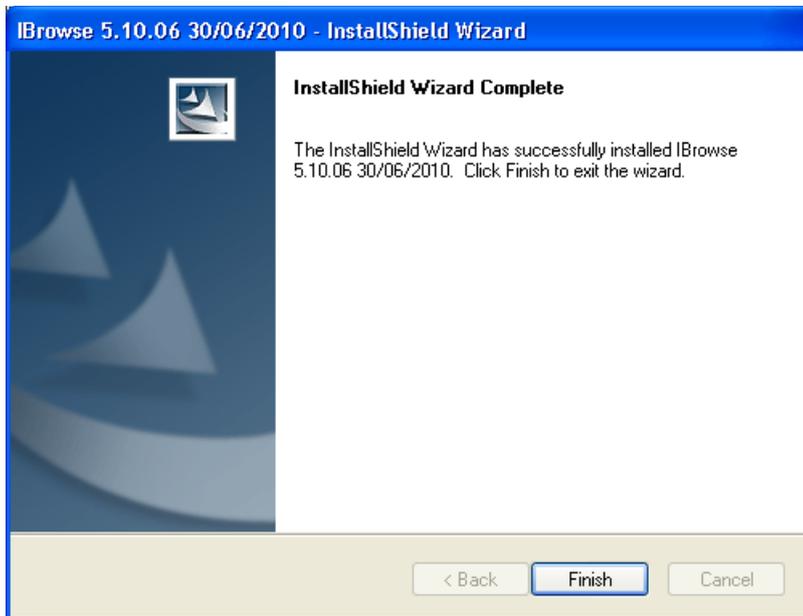


20. Click **Next**.

The **Installation** screen is displayed.



21. When the installation is finished, the **InstallShield Wizard Complete** screen is displayed; click **Finish**.



4.2 Modifying iBrowse

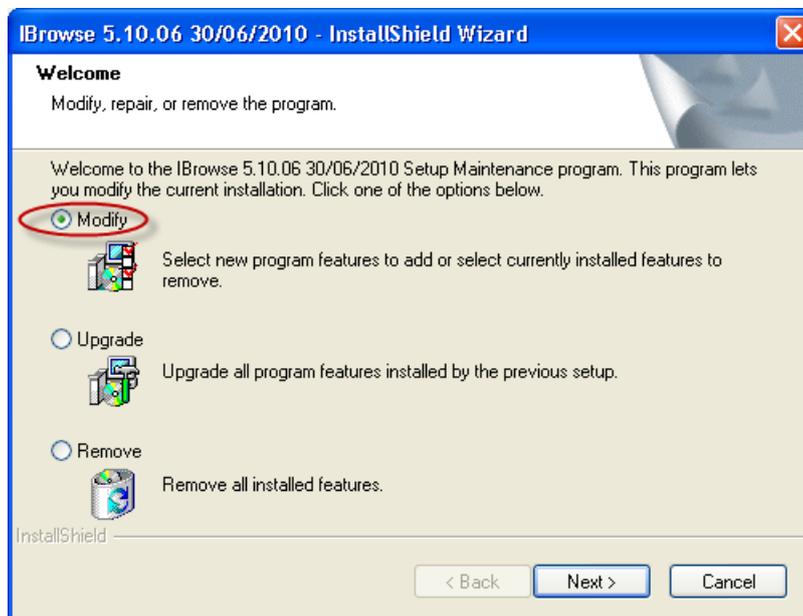
Following the initial installation of iBrowse using the Wizard, you can modify, repair or remove the current installation from the Wizard Welcome screen.

Typically, from this screen you can perform the following changes to the current installation:

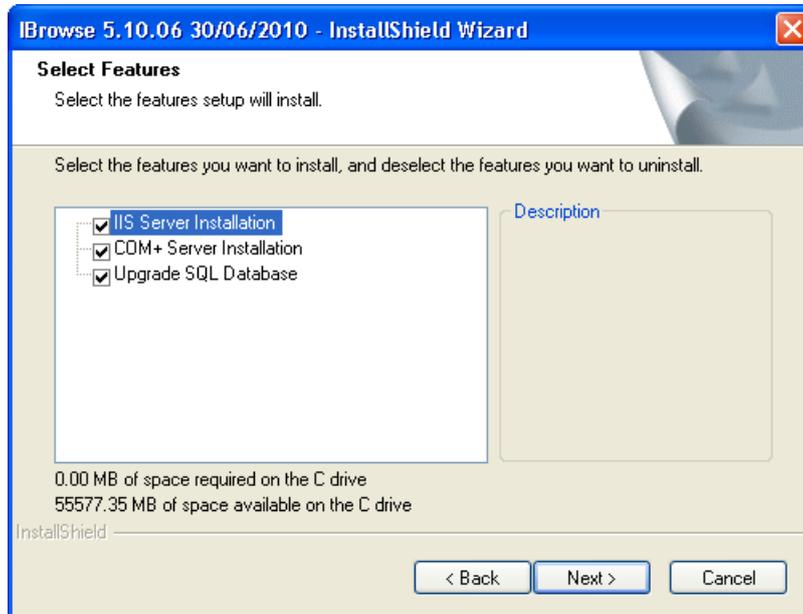
- Add components that are not currently installed
- Remove components
- Upgrade to a new version of the application

 **To modify iBrowse:**

1. Run the **iBrowse Setup.exe** file.
2. From the **Welcome** screen, select **Modify**.

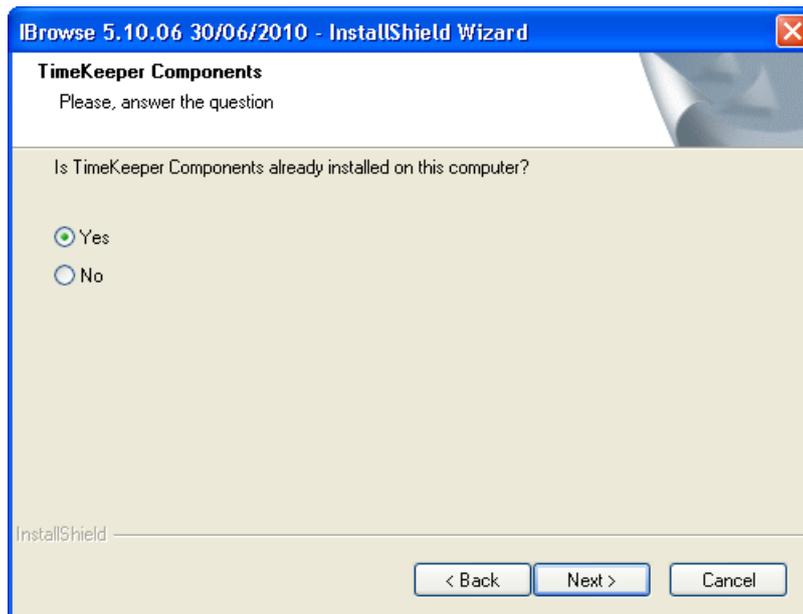


3. Click **Next**.
The **Select Features** screen is displayed.
4. Select the features you want to add or remove.



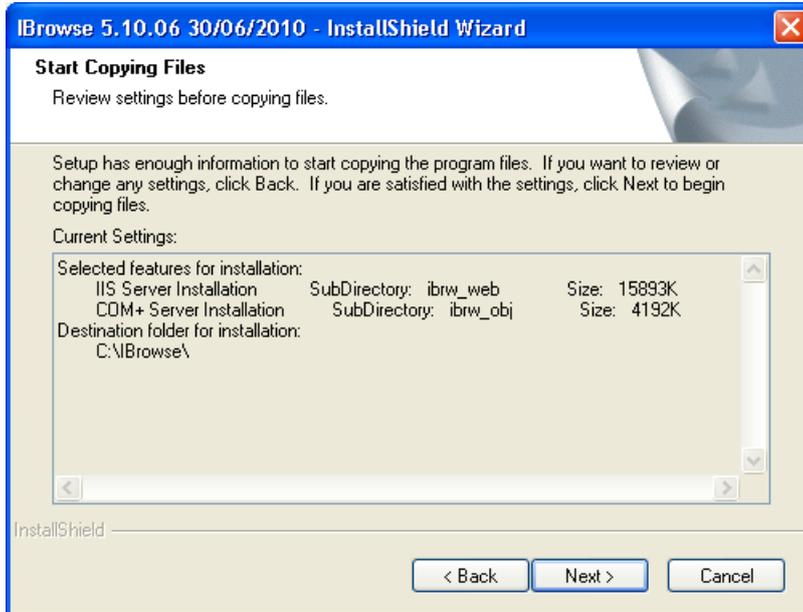
Note: *The list shown here is automatically populated with the features that are currently installed in the system.*

5. Click **Next**.
The **TimeKeeper Components** screen is displayed.



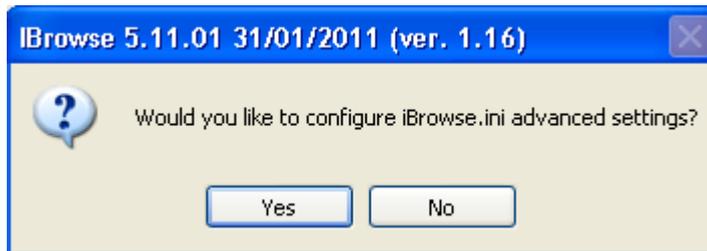
6. Select **Yes** or **No**, depending on whether TK is currently installed.
7. Click **Next**.

The **Start Copying Files** screen is displayed.



8. Review the settings and click **Next**. (Alternatively, to change any of the settings, click **Back**, and make your desired changes in the relevant screen/s. When the Wizard returns to the **Start Copying Files** screen, click **Next**.)

The Advanced Settings configuration prompt is displayed.



- (Optional) Click **Yes** to configure the advanced settings in the iBrowse.ini file; alternatively, click No to continue with **step 12.**)
The **Configuration Screen** is displayed.

The screenshot shows the 'iBrowse.ini Manager - Version 1.0.11' window. At the top, it displays 'Site Name: SYS_PARAM', 'iBrowse.ini location: C:\WINDOWS', and 'Computer: DK-ETAYY'. The main area is divided into three sections:

- Mandatory Fields:** Includes dropdowns for 'DataBase Type' (SQL), 'Data Source' (DK-ETAYY\SQLEXPRESS), 'Database' (HOSPITALITY_DEMO), 'Data path' (c:\i\ksq\bmp), and 'Language' (ENGLISH). There is a 'Refresh' button next to the Data Source field.
- Optional Fields:** A grid of settings including 'Parent Page', 'Start Page', 'Magnetic card', 'EmpVal', 'Display Daily Msg', 'AD Domain', 'AD Employee Field', 'AD Account Field', 'IP Address', 'IP Profile Shift', 'APM Fix', 'APM No Link', 'Apm No Balance', 'XLS Reports', 'PDF Reports', 'Calc Day', 'Event Log', 'Audit Reason', 'Close IE on exit', and 'No Display Report wait screen'. Most are set to 'No'.
- SQL Connection String:** Shows 'User: LAVIE_DOMAIN\reuven.s' and 'Windows Authentication' checked. A text box contains the connection string: 'Provider=SQLOLEDB.1;Integrated Security=SSPI;Persist Security Info=False;Initial Catalog=HOSPITALITY_DEMO;Data Source=DK-ETAYY\SQLEXPRESS'.

At the bottom, there are buttons for 'Read iBrowse.ini', 'Save iBrowse.ini', 'Connect to DataBase', and 'Get AD user'.

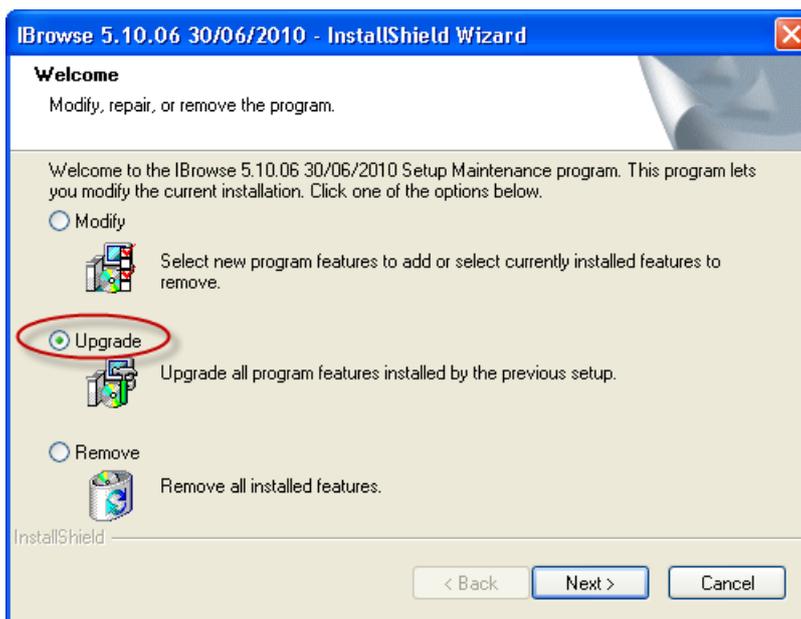
- Modify the configuration settings as required.
- Click **<Save iBrowse.ini>** to update the iBrowse configuration settings.
- When the **InstallShield Wizard Complete** screen is displayed; click **Finish**.

4.3 Upgrading iBrowse

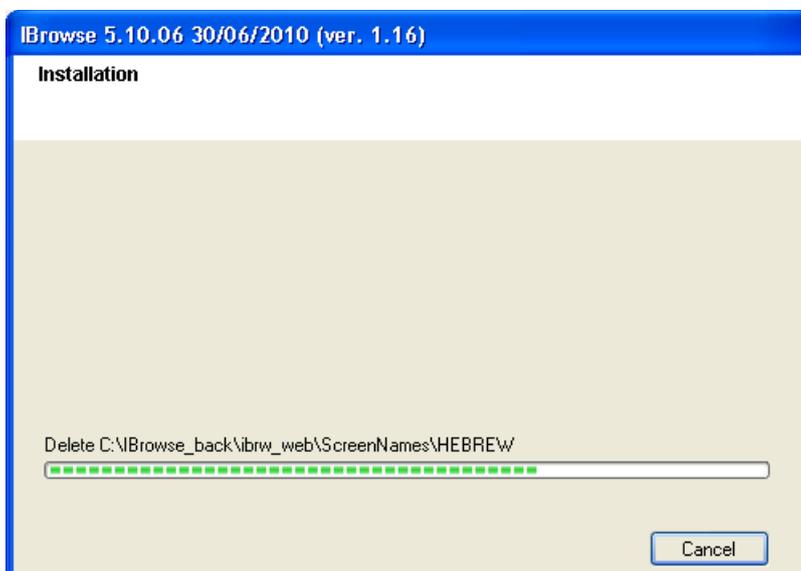
Following the initial installation of iBrowse using the Wizard, you can upgrade the current installation to a newer version. This is done from the Wizard Welcome screen.

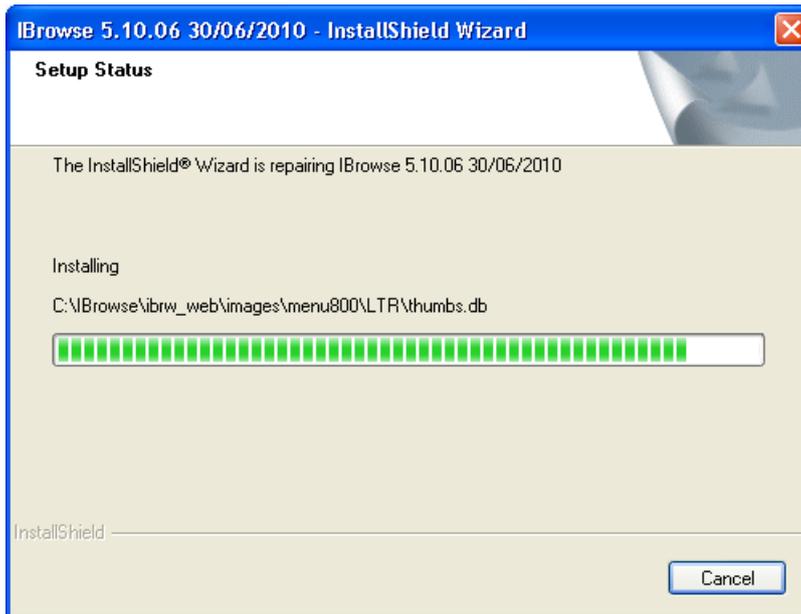
 To upgrade your version of iBrowse from an existing version to a new version:

1. Run the **iBrowse Setup.exe** file.
2. From the **Welcome** screen, select **Upgrade**.



3. Click **Next**. The **Installation** and **Setup Status** screens are displayed.



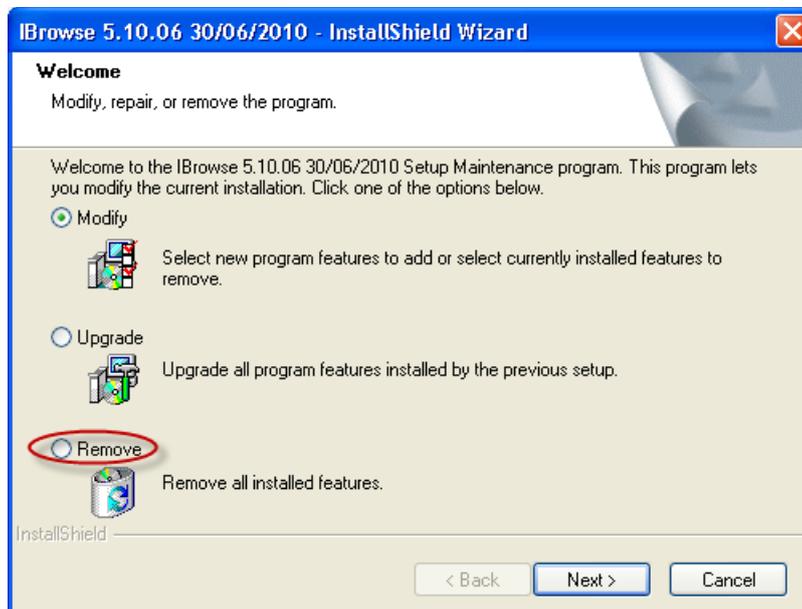


4. When the **InstallShield Wizard Complete** screen is displayed; click **Finish**.

4.4 Removing iBrowse

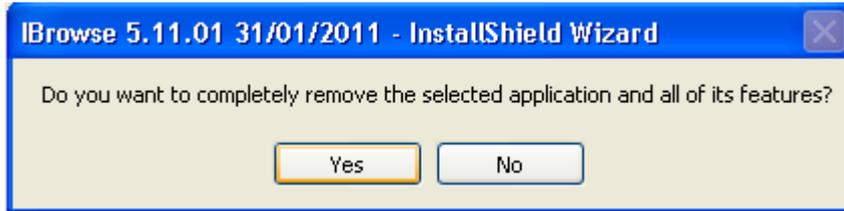
 To remove iBrowse:

1. Run the **iBrowse Setup.exe** file.
2. From the **Welcome** screen, select **Remove**.



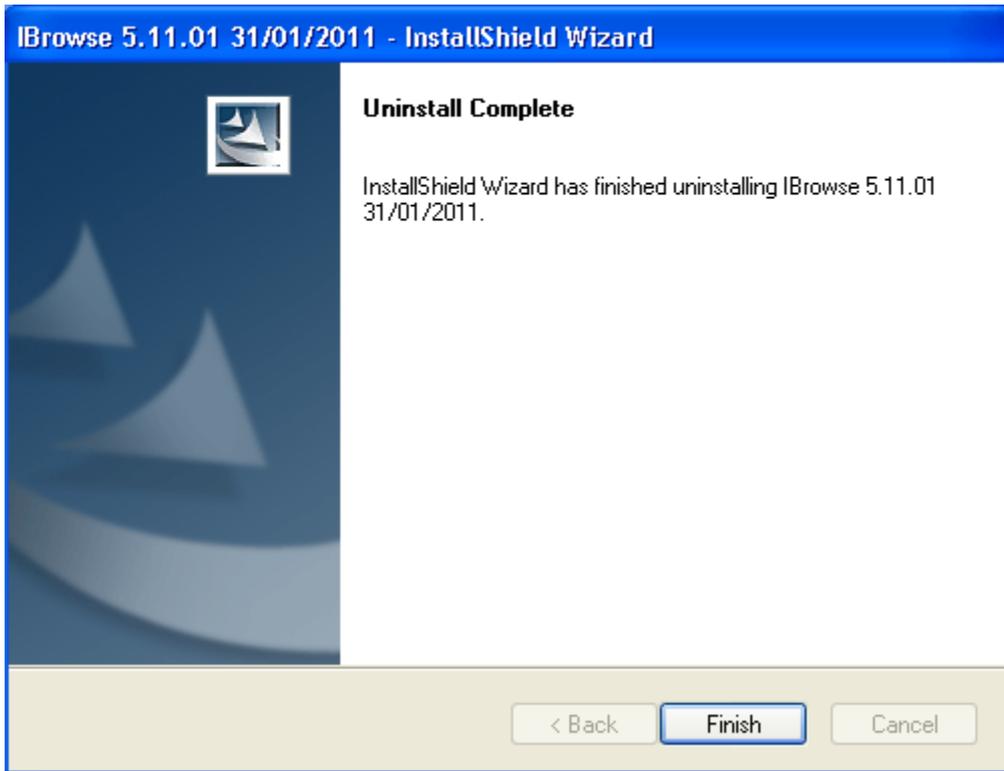
3. Click **Next**.

The Uninstall prompt is displayed.



4. Click **Yes** to uninstall the iBrowse application.

A screen is displayed showing the progress of the uninstall procedure.



5. Click **Finish**.