



Caché Windows Silent Installation

Version 5.2
01 September 2006

Caché Windows Silent Installation

Caché Version 5.2 01 September 2006

Copyright © 2006 InterSystems Corporation.

All rights reserved.

This book was assembled and formatted in Adobe Page Description Format (PDF) using tools and information from the following sources: Sun Microsystems, RenderX, Inc., Adobe Systems, and the World Wide Web Consortium at www.w3c.org. The primary document development tools were special-purpose XML-processing applications built by InterSystems using Caché and Java.



The Caché product and its logos are registered trademarks of InterSystems Corporation.



The Ensemble product and its logos are registered trademarks of InterSystems Corporation.



The InterSystems name and logo are trademarks of InterSystems Corporation.

This document contains trade secret and confidential information which is the property of InterSystems Corporation, One Memorial Drive, Cambridge, MA 02142, or its affiliates, and is furnished for the sole purpose of the operation and maintenance of the products of InterSystems Corporation. No part of this publication is to be used for any other purpose, and this publication is not to be reproduced, copied, disclosed, transmitted, stored in a retrieval system or translated into any human or computer language, in any form, by any means, in whole or in part, without the express prior written consent of InterSystems Corporation.

The copying, use and disposition of this document and the software programs described herein is prohibited except to the limited extent set forth in the standard software license agreement(s) of InterSystems Corporation covering such programs and related documentation. InterSystems Corporation makes no representations and warranties concerning such software programs other than those set forth in such standard software license agreement(s). In addition, the liability of InterSystems Corporation for any losses or damages relating to or arising out of the use of such software programs is limited in the manner set forth in such standard software license agreement(s).

THE FOREGOING IS A GENERAL SUMMARY OF THE RESTRICTIONS AND LIMITATIONS IMPOSED BY INTERSYSTEMS CORPORATION ON THE USE OF, AND LIABILITY ARISING FROM, ITS COMPUTER SOFTWARE. FOR COMPLETE INFORMATION REFERENCE SHOULD BE MADE TO THE STANDARD SOFTWARE LICENSE AGREEMENT(S) OF INTERSYSTEMS CORPORATION, COPIES OF WHICH WILL BE MADE AVAILABLE UPON REQUEST.

InterSystems Corporation disclaims responsibility for errors which may appear in this document, and it reserves the right, in its sole discretion and without notice, to make substitutions and modifications in the products and practices described in this document.

Caché, InterSystems Caché, Caché SQL, Caché ObjectScript, Caché Object, Ensemble, InterSystems Ensemble, Ensemble Object, and Ensemble Production are trademarks of InterSystems Corporation. All other brand or product names used herein are trademarks or registered trademarks of their respective companies or organizations.

For Support questions about any InterSystems products, contact:

InterSystems Worldwide Customer Support

Tel: +1 617 621-0700

Fax: +1 617 374-9391

Email: support@InterSystems.com

Table of Contents

Caché Windows Silent Installation	1
1 Record a Response File	1
2 Run a Silent Install	2
3 InstallShield Silent Command Line Parameters	3
4 Silent Setup Log	4

List of Tables

InstallShield Silent Command Line Parameters	3
ResultCode Return Values	5

Caché Windows Silent Installation

The Caché for Windows installation utility provides you the option of performing a *silent installation* on your computer. A typical (non-silent) installation receives the necessary input from the user in the form of responses to dialog boxes. A silent installation does not prompt the user for input; it must get its user input from a response file. The InstallShield Silent application reads the necessary input from the response file at run time and logs setup information in a file.

For each step in a silent installation, use the Setup.exe installation program from the nt directory of the Caché installation.

1 Record a Response File

A response file is a plain text file consisting of sections containing data entries. To create a response file, simply run the setup with the *-r* command line parameter:

```
Setup.exe -r
```

Answer the prompts as appropriate. InstallShield records all your setup choices in a response file named setup.iss and places the file in the Windows directory (C:\WINNT or C:\Windows, for example).

If you are not running setup.exe from the Windows directory, you may want to use the *-fl* parameter to place the setup.iss file in the same directory from where you plan to run the silent install of setup.exe. For example:

```
Setup.exe -r -fl"C:\cachekit\nt\setup.iss"
```

Note: If you have elected to run at a security level of Normal or higher, you will be asked if you wish to run Caché under the default account or a defined user account. If the latter is chosen, the person doing the install must supply the username, password and domain of the chosen account. Then the installer will query for the default password to assign to the initial set of accounts.

For security reasons, neither password will be written to the response file. Instead, the response file will have the value of a space for the password value of each.

If you have taken sufficient precautions to secure the response file and wish to include these passwords, you may manually edit the file to show the value of each password in plaintext. The two keywords are “gsvServicePassword” and “gsvCachePassword” for the password of the defined user account and initial accounts, respectively. Using a text editor replace the sequence, single-quote space single-quote with the desired value of each password. There is not need to enclose the password in single-quotes unless it contains punctuation characters.

If you do not include the passwords in the response file, you will not be able to run the System Management Portal.

2 Run a Silent Install

After you have created the response file, you are ready to run the setup in silent mode using InstallShield Silent. When running a setup in silent mode, be aware that no messages are displayed. Instead, a log file named Setup.log captures setup information, including whether the setup was successful. You can review the log file and determine the result of the setup.

To launch InstallShield Silent, run setup with the `-s` command line parameter:

```
Setup.exe -s
```

The setup plays back the script created in the previous step. InstallShield also provides the `-f1` and `-f2` parameters so that you can specify the name and location of the response file and the location of the log file. There are additional parameters available that are described in the following section, [InstallShield Silent Command Line Parameters](#).

To verify if a silent setup succeeded, look at the `ResultCode` value in the “[ResponseResult]” section of Setup.log. InstallShield writes an appropriate return value after the `ResultCode` keyname.

If you are not running `setup.exe` from the Windows directory, be sure to use the `-f1` parameter to indicate the location of the response file. For example:

```
Setup.exe -s -f1"C:\WINNT\setup.iss"
```

3 InstallShield Silent Command Line Parameters

The following table describes the silent installation parameters. Unless otherwise indicated these are not case sensitive; uppercase or lowercase letters can be used.

InstallShield Silent Command Line Parameters

Command Line Parameter	Description
<code>-fpath\CompiledScript</code>	Specifies an alternate compiled script. Unless the compiled script (.ins file) also resides in the same directory as Setup.exe, the full path to the compiled script must be specified. The <code>_setup.dll</code> file must also reside in the same directory as your .ins file. For example, <code>setup -ftest.ins</code> launches setup using test.ins instead of Setup.ins.
<code>-f1path\ResponseFile</code>	Specifies an alternate location and name of the response .iss file. If this option is used when running InstallShield Silent, the response file is read from the directory or file specified by <code>path\ResponseFile</code> . If this option is used with the <code>-r</code> option, the response file is written to the file specified by <code>path\ResponseFile</code> . If the <code>-f</code> option is used. The <code>-f1</code> parameter must follow the <code>-f</code> parameter
<code>-f2path\LogFile</code>	Specifies an alternate location and name of the log file created by the silent installation. By default, Setup.log file is created and stored in the same directory as Setup.ins. If the <code>-f</code> option is used. The <code>-f2</code> parameter must follow the <code>-f</code> parameter.
<code>-mfilename</code>	Causes InstallShield to generate a Management Information Format (.MIF) file automatically at the end of the installation. Do not include a path because the .mif file is always placed in the Windows directory. filename is optional; if you do not specify a file name, the resulting file is named Status.mif.

Command Line Parameter	Description
<code>-m1serial_number</code>	Instructs InstallShield to place the indicated serial number in the created .mif file.
<code>-m2locale_string</code>	Tells setup to place the indicated locale in the .mif file. English (ENU) is the default. Refer to Microsoft documentation for a complete listing of locale strings.
<code>-r</code>	Causes Setup.exe to automatically generate a silent installation .iss file, which is a record of the installation input, in the Windows directory.
<code>-s</code>	Runs InstallShield Silent to execute a silent installation.
<code>-SMS</code>	Prevents a network connection and Setup from closing before the installation is complete. This parameter, which must be in uppercase, works with installations originating from a Windows NT server over a network.
<code>-z</code>	Prevents Setup from checking the available memory during initialization. This parameter is necessary when running a setup on a machine with more than 256 MB of memory; if it is not used, Setup reports insufficient memory and exits.

4 Silent Setup Log

The default name for the silent setup log file is Setup.log and its default location is Disk1 (in the same directory as Setup.ins). You can specify a different name and location for Setup.log using the `-f1` and `-f2` parameters.

The Setup.log file contains three sections:

1. *[InstallShield Silent]* — Identifies the version of the InstallShield Silent application used in the silent setup. It also identifies the file as a log file.
2. *[Application]* — Identifies the name and version of the installed application, and the company name.
3. *[ResponseResult]* — contains the result code indicating whether or not the silent setup succeeded.

An integer value is assigned to the ResultCode keyname in the “[ResponseResult]” section. InstallShield places one of the following return values after the ResultCode keyname.

ResultCode Return Values

Return Value	Description
0	Successful installation
-1	General error
-2	Invalid mode
-3	Required data not found in the Setup.iss file
-4	Not enough memory available
-5	File does not exist
-6	Cannot write to the response file
-7	Unable to write to the log file
-8	Invalid path to the InstallShield Silent response file
-9	Not a valid list type (string or number)
-10	Data type is invalid
-11	Unknown error during setup
-12	Dialog boxes are out of order
-51	Cannot create the specified folder
-52	Cannot access the specified file or folder
-53	Invalid option selected

The following example shows a Setup.log file for a successful silent setup of InstallShield.

```
[InstallShield Silent]
Version=v5.00.000
File=Log File

[Application]
Name=InstallShield5
Version=5.00.000
Company=InstallShield

[ResponseResult]
ResultCode=0
```

