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SMARTTEAM – EDITOR

SILENT INSTALLATION GUIDE

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CONTENTS

1	OVERVIEW	1-1
2	COMMAND-LINE OPERATION.....	2-1
	Command-Line Format	2-1
	Setup.exe Options	2-2
	Msiexec options	2-2
	Command-Line Properties	2-4
	Values for ADDLOCAL Parameter	2-7
3	SAMPLE INSTALLATION SCRIPTS.....	3-1
	SMARTTEAM – Editor Standalone	3-1

1 OVERVIEW

This document shows how to use the Windows Installer to perform a silent installation of the SMARTEAM – Editor.

The Windows Installer performs a command-line based installation without requiring any user interface dialogs. This allows an administrator to use a script to install SMARTEAM – Editor automatically for a group of computers.

Chapter 2 defines the options and properties that can be used in the command-line installation commands.

Chapter 3 presents some common command-line installation scenarios.

2 COMMAND-LINE OPERATION

This chapter describes how to formulate a command-line command, including how to specify command-line options and properties.

Command-Line Format

The general format of a command-line command is:

```
[setup.exe full path] [setup.exe options] [Msiexec  
options][Properties]
```

where the relevant options are detailed in the sections below.

Note: Command-line options that require a parameter must be specified with no space between the option and its parameter. For example, [Setup.exe full path] /v 'ALLUSERS=2' is valid, while [Setup.exe full path] /v 'ALLUSERS=2' is not. Quotation marks around an option's parameter are required only if the parameter contains spaces.

Setup.exe Options

Setup.exe can accept a number of command-line parameters. Using these parameters, end users can specify data, such as the language in which the setup should run and whether to launch Setup.exe silently. End users can also pass parameters through Setup.exe to the included .msi file.

Option	Parameters	Meaning
/v	pass arguments to Msiexec	The /v argument is used to pass command-line switches and values of public properties through to Msiexec.exe.

Complete detailed information about these options can be found at:

Setup.exe options	http://support.installshield.com/kb/view.asp?articleid=q105473 only Parameters without the note (InstallScript and InstallScript MSI projects only)
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Msiexec options

The following table describes some of the more relevant command-line options for the program Msiexec.exe that interprets packages and installs products.

Option	Parameters	Meaning
q	n b r f	Sets user interface level . <ul style="list-style-type: none">▪ 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. Notes: <ul style="list-style-type: none">▪ /qb+- is not a supported UI level. Use qb-! or qb!- to hide the Cancel button.▪ The ! option is available with Windows Installer version 2.0 and works only with basic UI. It is not valid with full UI.

/L	[i w e a r u c m o p v x + !] Logfile	<p>Specifies path to log file; the flags indicate which information to log.</p> <ul style="list-style-type: none"> ▪ 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. ▪ x - Extra debugging information. ▪ + - Append to existing file. ▪ ! - Flush each line to the log. <p>"*" – Wildcard: log all information except for the v option. To include the v option, specify "/l*v".</p>
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Complete detailed information about these options can be found at:

Msiexec options	http://msdn.microsoft.com/library/default.asp?url=/library/en-us/msi/setup/command_line_options.asp
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Command-Line Properties

Properties are global variables that Windows® Installer uses during an installation. This section lists the command-line properties that can be used. Each set of properties corresponds to a dialog in the user-interface based installation of the SMARTEAM – Editor. The following table shows the parameter, description and the corresponding dialog name.

GUI Dialog	Property	Values	Description
Customer Information		V5R14=YES	A <u>mandatory</u> command-line parameter that must be included in ALL silent installations for V5R14 of the SMARTEAM - Editor
	USERNAME	Registered user name for the application	Installer's user name
	COMPANYNAME	Registered company name	Installer's organization
	ALLUSERS	Options: ALLUSERS parameter omitted: Per-user installation using folders in user's personal profile. (Installation works only for that user.) ALLUSERS =1 Per-machine installation using folders in "All Users" profile. (Installation works for all users on the machine.)	Administrator access privileges. The ALLUSERS property determines if the installation will be per-user or per-machine.
Main Installation Type	MAIN_INSTALLATION_TYPE	Options: StandAlone	Type of the installation

		or Client	
Sub Installation Type	SUB_INSTALLATION_TYPE	Options: Compact or Custom	Sub type of the installation
Change Current Destination Folder	INSTALLDIR	Directory name	Full path of the target installation directory in which to install the application. Note: This has to be the last property in the command line
SQL or MSDE Database Server information Note: These properties are used when a local SQL\MSDE server exists and the installation is attaching a new Database to the SQL\MSDE Server	SQL_SERVER_NAME	SQL\MSDE Server name	Name of a local SQL or MSDE Server
	USE_WINDOWS_NT_INTEGRATED_SECURITY	Options: 0 for NT Security 1 for SQL security	This property sets the authentication mode used for the connection to the SQL Server database
	SQL_USER_NAME	User name	Administrator user of the SQL/ MSDE server
	SQL_PASSWORD	Password	Password of the Administrator user provided in the SQL_USER_NAME property
	USE_BLANK_PASSWORD	Options: 1 - if the password is blank 0 – otherwise [Default]	Determines if the password can be left blank
MSDE Set sa Password Note: This property is used when there is no local SQL\MSDE server and the installation is installing a local MSDE in the local	SQL_PASSWORD	Password	Password for the Administrator user [sa] that the MSDE will be installed with.

machine.			
User Name and Password	USER_NAME	A full user name <Domain\Machine Name >\<User Name >	Full user name of a user that has privileges for installing SMARTEAM Core services and/or creating IIS folders.
	USER_PASSWORD	Password prepared in advance	The password of the user name provided in the USER_NAME property
Using License Use Management	SM_LUM_LOCAL_NETWORK	Options: Local or Network	Specifies if the license for the SmarTeam applications will be retrieved locally or from a network location.
Using License Use Management	SM_LUM_SERVER_LOCATION	LUM server name	The name of the LUM server from which SMARTEAM applications can retrieve licenses.
Select Installation Language	SM_SETUP_LANGUAGE	Options: English, French, German or Japanese	Select the appropriate Language for the installation. [This will affect the help files and Databases]
SmarTeam Foundation – Core Services Server Location	SM_CORE_SERVICES_SERVER	Server name	Server name where the SMARTEAM Foundation – Core Services are installed.
Specify SMARTEAM features to install	ADDLOCAL	See below for list of parameter values	The value of the ADDLOCAL property is a list of SMARTEAM features delimited by commas that are to be installed locally.

Values for ADDLOCAL Parameter

The following parameter values can be used for the ADDLOCAL

Type of Service	Parameter
SMARTEAM – Editor [All features to the right must be selected]	Smart_Service [Use this only for Standalone installations]
	SmarTeam_ClientLibrary
	SmarTeamCore
	SmarTeam_SDK
	Smart_Scripts_PreVersio
	Smart_Scripts_PreVersio1
	SmarTeam
SMARTEAM Administrator Tools	SmarTeam_Tools [Must be selected]
	Default_Values
	Flow_Designer
	Flow_Manager
	Form_Designer
	Import_Export
	Integration_Tools_Setup
	LDAP_users_import_wizard
	Menu_Editor
	Multi_Language
	Operation_Dependencies_Manager
	Script_Maintenance
	Sequence_Designer
	Smart_Data_Model_Doc_Wizard
	Smart_Wizard
	System_Configuration_Editor
	Users_Maintenance
	Vault_Monitor
	Vault_Tester
SmartFlow	SmartFlow_Tools
SMARTEAM Integrations	SmarTeam_Plugins [Must be selected]
	CATIA_Integration
	SolidWorks_Integration
	AutoCAD_Integration

	Mechanical_Desktop_Integration
	Inventor_Integration
	SolidEdge_Integration
	MS_Excel_Integration
	MS_Word_Integration
	MicroStation_Integration
SMARTEAM – Editor SDK	SDK
Help Files	SmarTeam_Help
	SmartFlow_Help
	SmartCATIA_Help
	SmarTeam_Works_Help
	SmartDesk_Help
	SmartInventor_Help
	SmartEdge_Help
	MsOffice_Integration_Help
Demo DataBase and Demo Files	SmarTeam_Demo [Mandatory + at least one of the following:]]
	SmarTeam_Demo_DataBase
	SmarTeam_Demo_Files
Demo Database Refresh Utility	Smarteam_Demo_Refresh
Icons Library	Icons_Library
Upgrade	Upgrade

3 SAMPLE INSTALLATION SCRIPTS

SMARTEAM – Editor Standalone

Installing SMARTEAM – Editor Standalone to the location
“c:\program files\SmarTeam” with the features SMARTEAM – Editor,
SMARTEAM Administrator Tools Multi Language and Users
Maintenance , SmartFlow, Help Files, Demo Database and Demo Files.
This example installs MSDE on the local machine.

Two formats of the example are shown. The first has been arranged to
show the parts of the command more clearly; it is not immediately
usable. The second format is immediately usable (after the full setup.exe
path is substituted).

1. Layout of command showing parts

```
[setup.exe full path]
/V
/q /L*v "%temp%\SMARTEAM_Editor.log"
USERNAME="Joe"
COMPANYNAME="SMARTEAM"
ALLUSERS=1 MAIN_INSTALLATION_TYPE="StandAlone"
SUB_INSTALLATION_TYPE="Custom"
SQL_PASSWORD="SASA"
USER_NAME="ILibm277_VM_XP\Administrator"
USER_PASSWORD="123456"
SM_LUM_LOCAL_NETWORK="Network"
SM_LUM_SERVER_LOCATION="Sql2000"
SM_SETUP_LANGUAGE="English"
ADDLOCAL="Smart_Service,SmarTeam_ClientLibrary,SmarTeamCore,SmarTeam_SDK
,Smart_Scripts_PreVersio,Smart_Scripts_PreVersio1,SmarTeam,Multi_Languag
e,Users_Maintenance,SmartFlow_Tools,SmarTeam_Help,SmartFlow_Help,SmarTea
m_Demo,SmarTeam_Demo_DataBase,SmarTeam_Demo_Files"
INSTALLDIR="c:\program files\SmarTeam" [has to be last]
```

2. Exact format of command (to cut and paste)

```
[setup.exe full path] /V"/q /L*v "%temp%\SMARTEAM_Editor.log" USERNAME="Joe"
COMPANYNAME="SMARTEAM" ALLUSERS=1 MAIN_INSTALLATION_TYPE="StandAlone"
SUB_INSTALLATION_TYPE="Custom" SQL_PASSWORD="SASA"
USER_NAME="ILibm277_VM_XP\Administrator" USER_PASSWORD="123456"
SM_LUM_LOCAL_NETWORK="Network" SM_LUM_SERVER_LOCATION="Sql2000"
SM_SETUP_LANGUAGE="English"
ADDLOCAL="Smart_Service,SmarTeam_ClientLibrary,SmarTeamCore,SmarTeam_SDK
,Smart_Scripts_PreVersio,Smart_Scripts_PreVersio1,SmarTeam,Multi_Languag
e,Users_Maintenance,SmartFlow_Tools,SmarTeam_Help,SmartFlow_Help,SmarTea
m_Demo,SmarTeam_Demo_DataBase,SmarTeam_Demo_Files"
INSTALLDIR="c:\program files\SmarTeam"
```