

Sterling Integrator



bin Directory Files

Version 5.1

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Note

Before using this information and the product it supports, read the information in "Notices" on page 7.

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bin Directory Files

This documentation describes scripts and files that are in the bin directory upon installation. Additional scripts may be described in the Release Notes.

CAUTION:

Some of the files and scripts in the following table are to be used by Sterling Integrator or its components only. The description for each of these files and scripts contains a caution statement warning that the file or script must not be used or edited. If you use or edit these scripts, Sterling Integrator or various components may not work properly and errors may occur, including the loss of data.

The following table describes the scripts and files included in the bin directory.

The bin directory is located two directory levels below the installation directory path that you enter during an installation. Between the installation directory and the bin directory is an “install” directory. This is different than many previous directory structures in which the bin directory was directly below the installation directory.

The following table lists files in the following locations:

- The *install_dir*/install/bin directory of a UNIX/Linux installation
- The *install_dir*\install\bin directory of a Windows installation

File (UNIX/Linux)	
File (Windows)	Description
<ul style="list-style-type: none">• agentserver.sh• agentserver.cmd	Starts agent processes.
backupScriptGen.xml	Creates sample backup scripts for database tables.
build.properties	Used by buildwar and buildear scripts - sets information about locations for application server directory, ejb, etc.
<ul style="list-style-type: none">• buildear.sh• buildear.cmd	Runs the buildEAR.xml file.
buildrcpapplication.xml.sample (both UNIX/Linux and Windows)	Sample XML file for RCP applications.
<ul style="list-style-type: none">• buildwar.sh• buildwar.cmd	Builds WAR files.
<ul style="list-style-type: none">• cdtshell.sh• cdtshell.cmd	Starts the Configuration Deployment Tool (CDT) from the command line. See ydk.sh/cmd for GUI.
<ul style="list-style-type: none">• CLA2makejar.sh• CLA2makejar.cmd	(Build 5104 or higher) Used to create the CLA2RemotePackage.jar in your bin directory. This jar is then used in the remote installation process for CLA2.

File (UNIX/Linux)	
File (Windows)	Description
<ul style="list-style-type: none"> • dbverify.sh • dbverify.cmd 	<p>Validates a database's structure. Ensures that the correct tables, columns, and rows are present in the database.</p> <p>During installation, dbverify compares schema of database to database schema required by Sterling Integrator.</p>
<ul style="list-style-type: none"> • decrypt_string.sh • decrypt_string.cmd 	Used by other scripts to decrypt the database and Sterling Integrator server passwords.
<ul style="list-style-type: none"> • deleteVendorJars.sh • deleteVendorJars .cmd 	Deletes third party jar files.
deploy.sh (UNIX/Linux only)	No longer used. This will be removed in a future release. There is no .cmd file equivalent to this script.
deployEAR.xml (both UNIX/Linux and Windows)	Deploys an EAR (Enterprise Archive) file to an WebLogic or WebSphere application server.
deployEARJBoss.xml (both UNIX/Linux and Windows)	Deploys an EAR (Enterprise Archive) file to a JBoss application server. You can also use this file to un-deploy the application.
<ul style="list-style-type: none"> • deployer.sh • deployer.cmd 	<p>The deployer script is used to redeploy war files for consumption in Sterling Integrator. You should only run this script if you want to expose changes for UI usage on a restart. This script:</p> <ul style="list-style-type: none"> • Deploys Sterling Integrator components into the application server environment during installation. • Deploys additional components into the application server environment through the InstallService. • Customizes Sterling Integrator through extension of features, including the following items: <ul style="list-style-type: none"> – Database – Templates – Resource bundles <p>Note: This script runs the setupfiles by default. You do not need to run this command after you run the deployer command.</p>
dynamic_os.classpath_platform_afc_ext	Gets munged into dynamic_os.sh/cmd.
dynamic_os.sh	Sets up dynamic env variable for supporting .sh scripts.
<ul style="list-style-type: none"> • encfiles.sh • encfiles.cmd 	<p>Encrypts other files using the encrypted configuration files.</p> <p>CAUTION: Do not run this script twice; otherwise, errors may occur.</p>
<ul style="list-style-type: none"> • encrypt_string.sh • encrypt_string.cmd 	Used by other scripts to encrypt the database and Sterling Integrator server passwords.
<ul style="list-style-type: none"> • getServerDetails.sh • getServerDetails.cmd 	Gets list of servers registered with the jndi.
inppconfig	<p>Temporary parameter supplied when setupfiles script is run. Used to denote all configuration files used when munging files.</p> <p>CAUTION: Do not use or edit this file.</p>

File (UNIX/Linux) File (Windows)	Description
<ul style="list-style-type: none"> install3rdParty.sh install3rdParty.cmd 	<ul style="list-style-type: none"> Copies supplied resources into the Sterling Integrator directory structure. When the options -l, -j or -d are used, the provided jar files are appended to the global classpath. That classpath is maintained within the (UNIX/Linux path shown) <i>install_dir</i>/properties/dynamicclasspath.cfg file. Cleanly removes third party jar files and/or libraries from the filesystem and classpath. Adds the password library and the jdbc drivers to tmp scripts during installation. Adds third-party components (properties, library and .jar files) to the Sterling Integrator environment after installation.
<ul style="list-style-type: none"> InstallExtensions.sh InstallExtensions .cmd 	Script similar to InstallService, but used for customer packages.
<ul style="list-style-type: none"> InstallService.sh InstallService.cmd 	<ul style="list-style-type: none"> Installs the Sterling Integrator packages during installation. Installs additional packages after installation. Installs patches downloaded from the Support On Demand Web site. Runs ServiceInstallerWrapper.sh script to install patches, services, and other items without running a full installation.
<ul style="list-style-type: none"> InstallSI.sh InstallSI.cmd 	<p>Runs installation program after following tasks have been completed:</p> <ul style="list-style-type: none"> Loading of license file Entry of installation directory (<i>install_dir</i>) Confirmation of available disk space for Sterling Integrator and database <p>CAUTION: Do not edit this script.</p>
java_wrapper	<p>Used by the system as a platform dependent wrapper script whenever the JVM is invoked.</p> <p>CAUTION: Do not use or edit this script.</p>
<ul style="list-style-type: none"> loadDefaults.sh loadDefaults.cmd 	<p>Loads factory setup settings into an installation. Enables user to update configuration through factory setup settings.</p> <p>For example, you could load changes in the Sterling Integrator XML by running a script that extracts the details from the XML and constructs the factorysetup to populate a database table. You would then run the loadDefaults.sh script to update the database with that table information.</p>
localizedstringreconciler.xml (both UNIX/Linux and Windows)	<p>Used to:</p> <ul style="list-style-type: none"> Export missing localized strings from a database Import new localized strings to the database Extract existing localized strings to a file
migrateExtnPackage.xml (both UNIX/Linux and Windows)	Converts extensions into a package.
migrator.cmd (Windows only)	Sets an upgrade to the version of the migration you are running.

File (UNIX/Linux)	
File (Windows)	Description
mysql_isql.sh (UNIX/Linux only)	Used by the control_mysql script for MySQL only. CAUTION: Do not use or edit this script.
<ul style="list-style-type: none"> replaceJDK.sh replaceJDK.cmd 	When a new JDK is installed, this script verifies it against the system requirements and copies its path information to the sandbox.cfg file. It also re-configures this new JVM, setting up security providers, etc.
<ul style="list-style-type: none"> sci_ant.sh sci_ant.cmd 	Invokes ant scripts in bin dir and properties of SCI installations
<ul style="list-style-type: none"> sender.sh sender.cmd 	Invokes testclientsender, used for testing. Usage is as follows: java com.yantra.integration.adapter.client.TestClientSender <flowName/systemApiName> <is firstParameter Flow (Y/N)> <xmlFileName> where: <ul style="list-style-type: none"> The first argument takes the name of a service/sdf (<i>flowName</i>) or an API name (<i>systemApiName</i>) The second argument (<i>is firstParameter Flow (Y/N)</i>) determines whether the first argument is a service or an API. Valid values are Y and N. If the first argument is a service, use Y, if it is an API, use N. The third argument (<i>xmlFileName</i>) takes the path and name of the XML input file you want to use as input to the API or service.
<ul style="list-style-type: none"> ServiceInstaller.sh ServiceInstaller.cmd 	Used to install services, patches, and service packs to Sterling Integrator.
<ul style="list-style-type: none"> ServiceInstallerWrapper.sh ServiceInstallerWrapper.cmd 	Runs ServiceInstaller command after checking for package version information and making any updates to patcher.
setup_mysql.sh (UNIX/Linux only)	Installs MySQL, if MySQL is selected as the Sterling Integrator database. CAUTION: Do not use or edit this script.
<ul style="list-style-type: none"> setupfiles.sh setupfiles.cmd 	Applies configuration changes to an installation of Sterling Integrator. For example, you would run this command after changing a property file.
<ul style="list-style-type: none"> sfgdbcheck.sh sfgdbcheck.cmd 	(Build 5009 and higher) Inspects the database and reports inconsistencies found with Sterling File Gateway Partners and Communities. CAUTION: Only use this script when directed to by IBM support.
<ul style="list-style-type: none"> startCmdLine2.sh startCLA2WindowsService.cmd 	(Build 5104 or higher) Starts Command Line Adapter 2 (local).

File (UNIX/Linux)	
File (Windows)	Description
<ul style="list-style-type: none"> startCmdLine2.sh start_remote_CLA2_console.cmd 	(Build 5104 or higher) Starts Command Line Adapter 2 (remote).
<ul style="list-style-type: none"> startHealthMonitor.sh startHealthMonitor.cmd 	Starts Health Monitor.
<ul style="list-style-type: none"> startIntegrationServer.sh startIntegrationServer.cmd 	Starts Integration Server.
<ul style="list-style-type: none"> stopCmdLine2.sh 	(Build 5104 or higher) Stops Command Line Adapter 2.
tee.exe (Windows only)	Used for logging. CAUTION: Do not use or edit this file.
templateXmlGen.xml (both UNIX/Linux and Windows)	Generate sample templates when the database is extended with custom or hangoff tables. You can find existing documentation for it in the <i>Customization Guide</i> .
<ul style="list-style-type: none"> tmp.sh tmp.cmd 	Used by many scripts to obtain Sterling Integrator environment information. CAUTION: Do not use or edit this script.
<ul style="list-style-type: none"> updateJavaSecurity.sh updateJavaSecurity.cmd 	Adds the security provider list to the jdk/jre/lib/security/java.security file. CAUTION: Do not use or edit this script.
<ul style="list-style-type: none"> updateJDK.sh updateJDK.cmd 	Handles preinstallation tasks related to JDK.
<ul style="list-style-type: none"> upgradeJDK.sh upgradeJDK.cmd 	Upgrades minor level JDK. (5103 or higher) Usage is: upgradeJDK.sh <upgraded JDK absolutePath> upgradeJDK.cmd <"upgraded JDK absolutePath">
xsdGenerator.xml (both UNIX/Linux and Windows)	Tool for creating DTDs for extended XML for Sterling Integrator. It converts a specially-formatted XML file into a DTD and XML schema definition (XSD).
<ul style="list-style-type: none"> ydk.sh ydk.cmd 	Script called to start the Configuration Deployment Tool (CDT) from the GUI. Use cdtshell.sh/cmd for command line.

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Product Number:

Printed in USA