Sage 300 Web Screens SDK

Sage300Utilities Utility

August 2018

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1. Overview

The **Sage300Utilities Utility** is a C# project developed in Visual Studio 2017 and is compatible with Visual Studio 2013, 2015 and 2017. It is used by the Sage300UIWizardPackage to generate the various Template archives that are located in the \src\Wizards\Templates\ folder. The following sections will outline what the program does and how/when to call it.

|  |  |  |
| --- | --- | --- |
| **Parameters (Default prefix for all parameters is --)** | | |
| **Parameter Name** | **Parameter Type and Meaning** | **Example Usage** |
| help | Boolean Flag:  If specified, instructs program to display its copyright/help information. | --help |
| prebuild | Boolean Flag:  If specified, instructs program to run the ‘Pre-Build’ process. | --prebuild=true |
| sdkroot | String:  This is the fully-qualified path to the Sage 300 Web SDK folder. | --sdkroot=”c:\projects\Sage300-SDK” |
| enabletemplateupdates | Boolean Flag:  If specified, instructs program to leave the contents of the \src\Wizards\Templates\Web\ folder alone. If this flag is specified, it will take precedence over both the **uselocalsage300installation** flag and **websource** setting. | --enabletemplateupdates=true |
| websourcefolder | String:  This is the fully-qualified path to the web project files. | --websource=”c:\projects\Web\Sage.CA.SBS.ERP.Sage300.Web” |
| rebuildwebvstemplate | Boolean Flag:  If specified, instructs program to rebuild the Web.vstemplate file that lives in the Templates\Web folder. This file represents all of the files (and folders) that are present in the Templates\Web folder (and all subfolders) | --rebuildwebvstemplate=true |

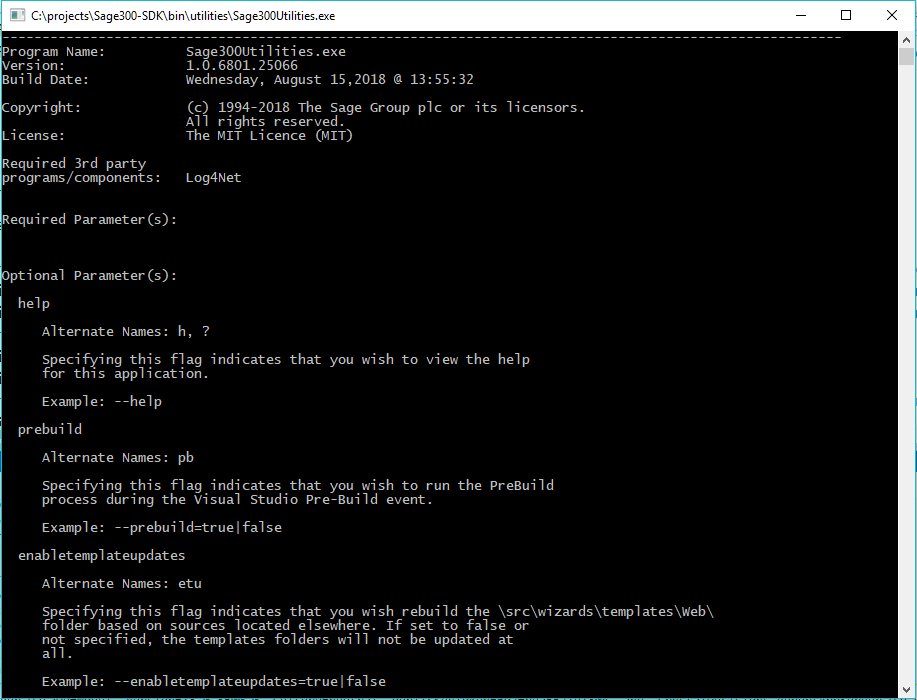
1. When to use this application

This application is automatically called during the pre-build step of the Sage300UIWizardPackage project. There is no need to call this application manually.

1. How to use this application

As stated in section 2 previously, there isn’t a need to call this program manually.

Running the Sage300Utilities.exe program without any command-line parameters will display help for the program. This is illustrated in the following screen-shot:



1. What does this program do?

This programs actions depend on the command-line parameters specified. Currently the primary command-line parameter is ‘prebuild’

|  |
| --- |
| **Primary Command-Line Parameter (Default prefix for all parameters is --)** |
| prebuild |
| 1. If the **enabletemplateupdates** flag is set to **false**, step 2 and 3 below are skipped. Proceed to step 4. 2. Clear old ‘Web’ files from the \src\wizards\Templates\Web\ folder (Not all files are removed) 3. Copy updated Web files from source (either local Sage 300 installation or manually specified folder) to \src\Wizards\Templates\Web\ folder 4. Create zip archives for the following sub-folders within the \src\wizards\Templates\ folder:    1. BusinessRepository    2. Interfaces    3. Models    4. Resources    5. Sage300SolutionTemplate    6. Services    7. Web 5. If the **rebuildwebvstemplate** flag is set to **true,** the file ‘Web.vstemplate’, located in the root of the Templates\Web folder is rebuild based on the files and folders located in the Template\Web folder (and all subfolders). If this flag is set to **false**, the ‘Web.vstemplate’ file is left as-is. |