Integrating SimDiff with PTC Integrity

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Instructions

Please note that these instructions are applicable to PTC Integrity 2009 and later. Please contact EnSoft Support if you would like to integrate SimDiff with earlier versions of PTC Integrity.

SimDiff can be integrated with PTC Integrity by configuring custom diff and merge tools for the PTC Integrity Client. Configuration instructions are given in the following section.

Configuring the PTC Integrity Client

The PTC Integrity client provides two mechanisms to configure a custom diff/merge tool:

1. Specifying a custom tool from the *Preferences* menu *(File ▷ Edit Preferences... ▷ Configuration Management ▷ Diff and Merge Tools)*

2. Modifying the `IntegrityClientSite.rc` file in the PTC Integrity Client installation directory

Option #2 is the preferred option because it permits specifying diff and merge tools on a per-extension basis. This allows SimDiff to be launched only for model files.

Modifying the IntegrityClientSite.rc file

To modify the client site configuration, follow these steps:

1. Completely exit the PTC Integrity client by right-clicking the system tray icon and selecting *Exit*

2. Locate the `IntegrityClientSite.rc` file in the PTC Integrity Client installation directory and open it in a text editor such as Notepad

3. Make the necessary configuration changes to the file and save it

4. Restart the PTC Integrity client

The `IntegrityClientSite.rc` file specifies various configuration properties, and is divided into sections. Only the *"Difference Tools"* and *"Merge Tools"* sections are relevant to integrating SimDiff.

Note that the configuration properties listed below assume SimDiff is installed to the default installation directory. If they were installed elsewhere, please modify the properties accordingly.

Configuring SimDiff as a Diff Tool

Add the following lines to the end of the *"Difference Tools"* section in `IntegrityClientSite.rc`:

```
diffTools.simdiff.title = SimDiff, EnSoft Corp.

diffTools.simdiff.extension = mdl,slx

diffTools.simdiff.commandLine = "C:\\Program
Files\\EnSoft\\SimDiff\\simdiff4.exe" -l "{3}" -r "{4}"
```

Configuring SimDiff as a Merge Tool

Add the following lines to the end of the *"Merge Tools"* section in `IntegrityClientSite.rc`:

```
mergeTools.simdiff.title=SimDiff, EnSoft Corp.

mergeTools.simdiff.extension=mdl,slx

mergeTools.simdiff.commandLine="C:\\Program
Files\\EnSoft\\SimDiff\\simdiff4.exe" -b "{4}" -l "{6}" -r "{5}"
-o "{8}"
```