

# *Integrating SimDiff 4 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 4 with earlier versions of PTC Integrity.

SimDiff 4 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 4 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 4.

Note that the configuration properties listed below assume SimDiff 4 is installed to the default installation directory. If they were installed elsewhere, please modify the properties accordingly.

### ***Configuring SimDiff 4 as a Diff Tool***

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

```
diffTools.simdiff4.title = SimDiff 4, EnSoft Corp.  
  
diffTools.simdiff4.extension = mdl,slx  
  
diffTools.simdiff4.commandLine = "C:\\Program  
Files\\EnSoft\\SimDiff4\\simdiff4.exe" -l "{3}" -r "{4}"
```

### ***Configuring SimDiff 4 as a Merge Tool***

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

```
mergeTools.simdiff4.title=SimDiff 4, EnSoft Corp.  
  
mergeTools.simdiff4.extension=mdl,slx  
  
mergeTools.simdiff4.commandLine="C:\\Program  
Files\\EnSoft\\SimDiff4\\simdiff4.exe" -b "{4}" -l "{6}" -r "{5}"  
-o "{8}"
```