Siemens PLM Software

Greater China Technical Tips & News Hot Line:800-810-1970

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Siemens PLM Software 技術技巧及新聞

歡迎流覽《Siemens PLM Software 技術技巧及新聞》,希望它能成為 Siemens PLM Software 技術 支援小組將 Siemens PLM Software 最新產品更新、技術技巧及新聞傳遞給使用者的一種途徑

Date: 2019/08/09

NX Tips

1. <u>通過 NX 的 batch 腳本啟動 NX, 我卻得到了, NX Viewer (或者其他的</u> application) 的啟動介面

問題

通過 NX 的 batch 腳本啟動 NX, 我卻得到了, NX Viewer (或者其他的 application) 的啟動介面

解決方法

啟動腳本中使用的是命令: "C:\...\NX11\NXBIN\ugraf.exe".

如果"-nx"的參數省略的話, NX 將會啟動最近一次使用的應用. 您要使用 NX 的主應用啟動的話, 應該添加參數 "-nx" 就可以了, 像下面這樣: "C:\...\NX11\NXBIN\ugraf.exe -nx".

2. <u>有沒有一個辦法,產生 jt 檔的時候, 只產生 B-Rep</u>

問題

我們在保存 NX 檔到 Teamcenter 的時候, 有沒有一個辦法, 自動創建 jt 模型的時候, 只產生 B-Rep?

解決方法

可以的,有2種方法可以做到.

1.到 <install_path>Siemens\NX 11.0\PVTRANS 目錄, 用文字編輯器編輯 tessUG.config. 然後 找到在頂端的部分,叫做 EAITranslator, 添加這個參數: includeGeom = false

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tessUG.config - Notepad File Edit Format View Help version "EAITranslator" 1.0.0 "EAITranslator" EAITranslator { OutputDirectory = "" CommonPartsPath = "" chordalOption = "RELATIVE" structureOption = "PER_PART" writeWhichFiles = "JTPARTS, JTASSEMBLY" pmiOption = "PART AND ASM" JtFileFormat = "10" triStripOpt = true seamSewing = false seamSewingTol = 0.001 includeBrep = true autoNameSanitize = true updateChangedPartsOnly = false writeAsciiAssembly = false singlePartsNoAssem = false autoLowLODgeneration = true smartLODgeneration = false numLODs = 3
includeGeom = false Filter { GTAC Greater China } Metadata { 這樣就可以做到只產生 B-Rep 了.

2.另外的一個辦法是 載入 jt 資料到 standalone TcVis > Tools > Part Edit.然後到 Part Edit > Control tab > 滑鼠右鍵> Delete:

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到 File > Export > 然後就可輸出一個只含有 B-Rep 的.jt 檔了.

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Teamcenter Tips

3. 更改運行調度程式的作業系統使用者後, populatefsc 中止在 TRANSLATIN 狀態

問題

預設情況下,該模組使用2層的自動登入,如果作業系統使用者不是Teamcenter使用者,該模組中的功能無法登錄

ERROR - 2018/11/29-10:51:46.962 UTC - NoId - 515143 : The login attempt failed: either the user ID or the password is invalid.

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方法

修改 populatefsc 腳本,增加登錄資訊 在 populatefsc.bat 檔中,在 TC_ROOT 和 TC_DATA 的設定後增加如下行 set TC_DBA_USER=infodba

在 populatefsc.pl 中:

在 runPLMXMLExport 子程式下增加紅色標記的代碼

This will be the full path to the executable. my \$exe_path= "\$ENV{'TC_BIN'}\${dir_separator}\${exe_name}\${exe_ suffix}"; my \$tcdbauser= "\$ENV{'TC_DBA_USER'}";

```
my $pwdfile= "$ENV{'TC_ROOT'}${dir_separator}security${dir_separator}server_infodba.pwf";
```

Make sure we can find what we are executing. die "The \${exe_name} executable was not found at the following location: \${exe_path}\n" unless -x \${exe_path};

Start building the command line. my @args= (\$exe_path, '-transfermode=ConfiguredDataExportDefault');

Take care of possible empty spaces in the argument values my \$outputFileStr = \$hashRef->{'output_file'}; \$outputFileStr = handleEmptySpaceInPath(\$outputFileStr); my \$scoUid = \$hashRef->{'uid'}; \$scoUid = handleEmptySpaceInPath(\$scoUid);

Add the extra options.
addOption(\ @args, '-xml_file=', \$outputFileStr, 1);
addOption(\ @args, '-uid=', \$scoUid, 1);
addOption(\@args, '-u=', \$tcdbauser, 1);
addOption(\@args, '-pf=', \$pwdfile, 1);

在 runLoadFscCache 副程式下增加紅色標記的代碼

This will be the full path to the executable. my \$exe_path= "\$ENV{'TC_BIN'}\${dir_separator}\${exe_name}\${exe_suffix}";

```
my $tcdbauser= "$ENV{'TC_DBA_USER'}";
```

my \$pwdfile= "\$ENV{'TC_ROOT'}\${dir_separator}security\${dir_separator}server_infodba.pwf";

Make sure we can find what we are executing.

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die "The $\{exe_name\}\$ executable was not found at the following location: $\{exe_path\}\n'' unless -x \$

Figure out output information from command line input my \$outputFileStr = \$hashRef->{'output_file'}; my \$fscUri = \$hashRef->{'targets'};

Check possible empty space in the string \$outputFileStr= handleEmptySpaceInPath(\$outputFileStr); \$fscUri = handleEmptySpaceInPath(\$fscUri);

Add the extra options. my @args= (\$exe_path, '-f=load'); addOption(\ @args, '-plmxml=', \$outputFileStr, 1); addOption(\ @args, '-fsctargets=', \$fscUri, 1); addOption(\@args, '-u=', \$tcdbauser, 1); addOption(\@args, '-pf=', \$pwdfile, 1);

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