

Samples of Windchill Development:

Webject Samples:

Sample Display-Table Webject JSP, that displays my Employment History:

http://windchill.datajett.com/wc_dev/jsp/LJ_EmpHist.jsp.txt

The JSP file should be placed in your IE (InfoEngine) JSP folder:

<WT_HOME>\codebase\infoengine\jsp\
=====

It reads its data from a task xml file (Virtual Database [VDB]):

http://windchill.datajett.com/wc_dev/tasks/LJ_EmpHist.xml

The task xml file should be placed in your tasks/example folder:

<WT_HOME>\tasks\infoengine\examples\
=====

This JSP file below is also a Display-Table Webject, but uses a Windchill IE SAK Java Bean and contains the employment history within:

http://windchill.datajett.com/wc_dev/jsp/LJ_EmpHist_JB.jsp.txt

It should also be placed in your IE (InfoEngine) JSP folder:

<WT_HOME>\codebase\infoengine\jsp\
=====

After renaming (drop .txt), all JSP files can then be viewed from your Virtual Windchill JSP location:

http://Host.Company.com/Windchill/infoengine/jsp/LJ_EmpHist.jsp

or

http://Host.Company.com/Windchill/infoengine/jsp/LJ_EmpHist_JB.jsp
=====

jsp- (most all code should be placed in your Windchill virtual jsp folder:

<WT_HOME>/codebase/infoengine/jsp)

Query Windchill, Oracle or Intralink

to query windchill/oracle/intralink for standard info:

WTPARTMASTER, WTDOCUMENTMASTER, WTORGANIZATION, EPMWORKSPACE, WFPROCESS, CONTAINERTEAM, WTGROUP, WTLIBRARY, WTUSER, etc.

Download JSP to Query Windchill/PdmLink, Oracle or Intralink DB.

It should be placed in your IE (InfoEngine) JSP folder also:

<WT_HOME>\codebase\infoengine\jsp\
=====

http://windchill.datajett.com/wc_dev/jsp/dbjett_jsp.zip

Customized workflows:

http://windchill.datajett.com/wc_dev/workflow/cust_wf.htm

java- (most all code is generated with package `lj_cust`, which should be located at `<WT_HOME>/codebase/lj_cust` - easily modifiable)

Some companies choose to auto truncate the extension on their cad data files (epm-docs), through ini file settings:

`<WT_HOME>\codebase\com\ptc\windchill\cadx\cfg\default\cadxhtmlui.ini`

```
UploadDropNameFileExtension=true
UploadDropNumberFileExtension=true
AutoAssociateDropNameFileExtension=true
AutoAssociateDropNumberFileExtension=true
```

Rename project:

http://windchill.datajett.com/wc_dev/lj_cust/ObjMan_06.zip

command line:

To query objects 1st:

```
java lj_cust.ObjMan_06 -qb %.DRW
java lj_cust.ObjMan_06 -qb %.ASM
java lj_cust.ObjMan_06 -qb %.PRT
```

To rename objects 1st:

```
java lj_cust.ObjMan_06 -rb %.DRW
java lj_cust.ObjMan_06 -rb %.ASM
java lj_cust.ObjMan_06 -rb %.PRT
```

run program without arguments to see Usage:

```
java lj_cust.ObjMan_06
```

The rename program will rename all data files/objects that previously contained file extensions.

It renames windchill epm-doc (drw, prt, asm) & wtpart objects to truncate the extension of the windchill oracle number field.

from: xxx1.prt, xxx2.asm & xxx?.drw

to: xxx1, xxx2 & xxx?.D
 (can be modified to a different extension for drawings = _D, ???)

Some firms link to name their asm & prt files the same for integrated/inseparable parts. This program will rename the .PRT to .P, so there is no duplicate objects numbers:

http://windchill.datajett.com/wc_dev/lj_cust/PA_Ren_06.java

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Query LifeCycle States:
 Simple java class to query lifeCycle states:

http://windchill.datajett.com/wc_dev/lj_cust/lifecycleState.java
http://windchill.datajett.com/wc_dev/lj_cust/lifecycleState.class

Example:

wt.lifecycle.State[0]: ACCEPTED
 wt.lifecycle.State[1]: APPROVED
 wt.lifecycle.State[2]: ASSEMBLY
 wt.lifecycle.State[3]: ASSIGNED
 wt.lifecycle.State[4]: CANCELLED

.....

=====
http://windchill.datajett.com/wc_dev/lj_cust/LJ_Objects_05.class
http://windchill.datajett.com/wc_dev/lj_cust/LJ_Objects_05.java

java lj_cust.LJ_Objects_05
 Introspection Runtime Mode = true
 WtPart - Number: GC000002 - Name: LEG
 WtPart - Number: GC000003 - Name: LEFT_ACTUATOR

.....

Number of WTPartMaster Objects: 58

EpmDoc - Number: 00000001 - Name: xxx.prt
 EpmDoc - Number: 00000002 - Name: yyy.asm

.....

Number of EPMDocument Objects: 201

WtDocument - Number: 0000000042 - Name: wtpart_sql_chk.csv
 WtDocument - Number: 0000000043 - Name: wtpart_sql_chk2.csv
 WtDocument - Number: 1234.doc - Name: 1234.doc

.....

Number of WTDocument Objects: 14

SQL Query of a Windchill, Oracle or Intralink Database. Used to query windchill/oracle/intralink for standard info (same as above JSP Query, but this is a java application & output can go to html, txt (text), cvs, etc):

Open Instructional & download Page:

<http://windchill.datajett.com/DBJettJT/DBJettJT.htm>