Use loadFromFile to load associations between Documents and WTParts

Ref PTC Help

http://support.ptc.com/help/windchill/wc111_hc/whc_en/index.html#page/Windchill_Help_Center%2FWCDataLoad_LoadProdExampleLoadRelationshipsPartsDocs.html%23

- Loading Relationships Between Parts
  and Documents

    Example 1

    Example 2

Given these objects, each with some history. Note: The WTDoc and WTPart Rev's generally match and do for this example.

📄	📄	0000000023	📄	test WT doc1	ⓘ	C.3
📄	📄	0000000024	📄	test ref doc1	ⓘ	B.3
⚙	📄	0000000322		part with associated docs	ⓘ	C.1 (Design)

Construct xml files

WTDocument (Revision / Iteration of both Doc and Part)

```xml
<?xml version="1.0"?>
<!DOCTYPE NmLoader SYSTEM "standardX20.dtd">
<NmLoader>
<csvPartDocDescribes handler="wt.part.LoadPart.createPartDocDescribes">
  <csvdocNumber>0000000023</csvdocNumber>
  <csvdocVersion>C</csvdocVersion>
  <csvdocIteration>3</csvdocIteration>
  <csvpartNumber>0000000322</csvpartNumber>
  <csvpartVersion>C</csvpartVersion>
  <csvpartIteration>1</csvpartIteration>
  <csvpartView>Design</csvpartView>
</csvPartDocDescribes>
</NmLoader>
```
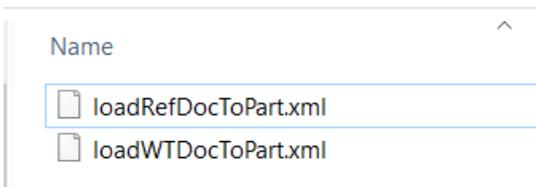
Reference Document (Revision / Iteration of only Part because relationship is to Doc master)

```xml
<?xml version="1.0"?>
<!DOCTYPE NmLoader SYSTEM "standardX20.dtd">
<NmLoader>
<csvPartDocReference handler="wt.part.LoadPart.createPartDocReference">
  <csvdocNumber>0000000024</csvdocNumber>
  <csvpartNumber>0000000322</csvpartNumber>
  <csvpartVersion>C</csvpartVersion>
  <csvpartIteration>1</csvpartIteration>
  <csvpartView>Design</csvpartView>
</csvPartDocReference>
</NmLoader>
```

```
1    <?xml version="1.0"?>
2    <!DOCTYPE NmLoader SYSTEM "standardX20.dtd">
3    <NmLoader>
4    <csvPartDocDescribes handler="wt.part.LoadPart.createPartDocDescribes">
5        <csvdocNumber>0000000023</csvdocNumber>
6        <csvdocVersion>C</csvdocVersion>
7        <csvdocIteration>3</csvdocIteration>
8        <csvpartNumber>0000000322</csvpartNumber>
9        <csvpartVersion>C</csvpartVersion>
10       <csvpartIteration>1</csvpartIteration>
11       <csvpartView>Design</csvpartView>
12   </csvPartDocDescribes>
13   </NmLoader>
```

```
1    <?xml version="1.0"?>
2    <!DOCTYPE NmLoader SYSTEM "standardX20.dtd">
3    <NmLoader>
4    <csvPartDocReference handler="wt.part.LoadPart.createPartDocReference">
5        <csvdocNumber>0000000024</csvdocNumber>
6        <csvpartNumber>0000000322</csvpartNumber>
7        <csvpartVersion>C</csvpartVersion>
8        <csvpartIteration>1</csvpartIteration>
9        <csvpartView>Design</csvpartView>
10   </csvPartDocReference>
11   </NmLoader>
```
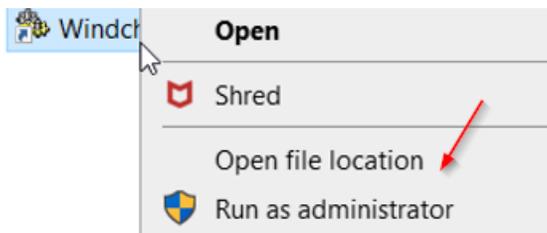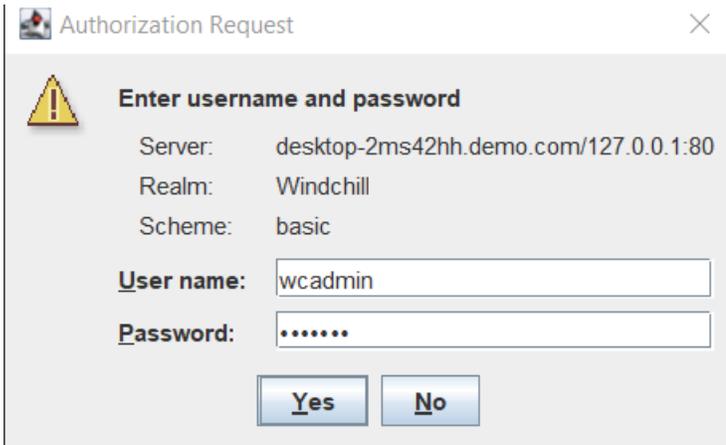
Files in folder ready to load

Windchill_12.0 > Windchill > src > loadFiles

Name

loadRefDocToPart.xml
loadWTDocToPart.xml

Launch Windchill Shell as admin

Windch   **Open**

🛡 Shred

Open file location

🛡 Run as administrator

Commands (note: using Windchill installed on C:\ drive of a test laptop)
windchill wt.load.LoadFromFile -d C:\ptc\Windchill_12.0\Windchill\src\loadFiles\loadWTDocToPart.xml
windchill wt.load.LoadFromFile -d C:\ptc\Windchill_12.0\Windchill\src\loadFiles\loadRefDocToPart.xml

Authorization Request ✕

⚠ **Enter username and password**

Server: desktop-2ms42hh.demo.com/127.0.0.1:80
Realm: Windchill
Scheme: basic

User name: wcadmin

Password: •••••••

[Yes] [No]

Administrator: Windchill Shell — ☐ ✕

```
C:\ptc\Windchill_12.0\Windchill>windchill wt.load.LoadFromFile -d C:\ptc\Windchill_12.0\Windchill\src\loadFiles\loadWTDo
cToPart.xml
All objects were imported successfully.
Check method server output for successful completion of all loads.

C:\ptc\Windchill_12.0\Windchill>
```

Administrator: Windchill Shell — ☐ ✕

```
C:\ptc\Windchill_12.0\Windchill>windchill wt.load.LoadFromFile -d C:\ptc\Windchill_12.0\Windchill\src\loadFiles\loadRefD
ocToPart.xml
All objects were imported successfully.
Check method server output for successful completion of all loads.

C:\ptc\Windchill_12.0\Windchill>
```

Results

Actions ▾ 🔧 **Part - 0000000322, part with associated docs, C.1 (Design)**

| Details | Structure | Related Objects | Changes | History | Where Used | ⊕ |

Described By Documents | Reference Documents | CAD/Dynamic Documents | Alternates | S

⊟ **Described By Documents** | Default ▾ | 💾

➕ 🗋 ➖ 📋 📑 📲

		Number ↑	Version ↑		Name	Context
☐	▤	0000000023	C.3	ⓘ	test WT doc1	Product1

◀

(0 objects selected)

⊟ **Reference Documents** | Default ▾ | 💾

➕ 🗋 ➖ 📋 📑 📲

		Number ↑	Version ↑		Name	Context
☐	📄	0000000024	B.3	ⓘ	test ref doc1	Product1

2020 Dec Mike Lockwood

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For many documents to be loaded, prepare records for each document to be associated using Excel, save as CSV, then convert to xml via command CSV2XML.

- **Converting CSV Files to XML Format Files**

  Converting a CSV File to an XML File