

Article - CS136394

What are the files in <Windchill>\temp or <Windchill>\tmp used for and can they be safely deleted in Windchill / FlexPLM

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Applies To

- Windchill PDMLink 6.2 to 12.0
- Windchill ProjectLink 6.2 to 12.0
- Pro/INTRALINK 8.x + 6.2 to 12.0
- Windchill PDM Essentials 6.2 to 12.0
- PTC Arbortext Content Manager 6.2 to 12.0
- FlexPLM 3.0 to 11.1
- Visualization Services (WVS)

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Description

- What's the purpose of the various files and folders in the <Windchill>\temp directory?
- Can the files in <Windchill>/tmp be safely deleted?
- Is it safe to purge the content of the configured Windchill **wt.temp** directory?
- Does the **temp** folder needs to be shared between all cluster nodes?
- Directory wrmfTransport is filling up and consuming memory
- Can we remove the files contained under <Windchill-Home>/codebase/rfa/temp/pdfexport?

Cause

- Most temporary files in the Windchill temp folders are deleted by the Windchill thread when an operation completes successfully
- Files will typically only remain in Windchill temp if an operation has failed
- These files can potentially consume substantial disk space
- MethodServer of file server starts periodic thread dumps due to high amount of concurrent threads

Resolution

- The following files are safe to delete **after 24 hours**:
 1. Files named like **wtxxxxxx.xxxxxxxxxx.xxxx.tmp** result from a RetrievalWare indexing operation
 2. **IXBExpImp/*.expimp** files result from a Export or Import operation
 3. The **wrmfTransport** directory and content result from Replication or File Synchronization performed as part of WVS Publishing (see CS29095 (https://support.ptc.com/appserver/cs/view/case_solution.jsp?n=CS29095))
 4. The **pubtemp** directory and contents relate to WVS Publish Jobs (see CS48734 (https://support.ptc.com/appserver/cs/view/case_solution.jsp?n=CS48734))
 5. The **wtxxxxxx** files result from an upload operation that has failed.
 6. The **tempGZIPFile.xxxxxxxxxx** files result from the transport service, usually during replication.

7. Folders with numeric name like **1429018216494-128285846** are created when downloading objects with contents using action **Download Documents To Compressed File**
 8. The files contained in this temp folder **pdfexport** under **<Windchil-Home>/codebase/rfa/temp** are the result of the **techpack generation** and should be deleted automatically if the property **time.before.temp.files.are.deleted** is set CS65920 (<https://www.ptc.com/en/support/article/CS65920>)
 9. Binary files **ReferencedFiles_***** files, from a remove unreferenced task, check first if task is not running for more than 24h
- This clean-up of day-old content in the temp folder can be performed manually, as part of the Windchill Backup process or by calling a purge script from a scheduled operating system task
 - There is no negative impact if the wt.temp folder is shared between cluster nodes
 - In some use cases, the temp folder needs to be shared
 - For sanity the temp folder can be shared between cluster nodes

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