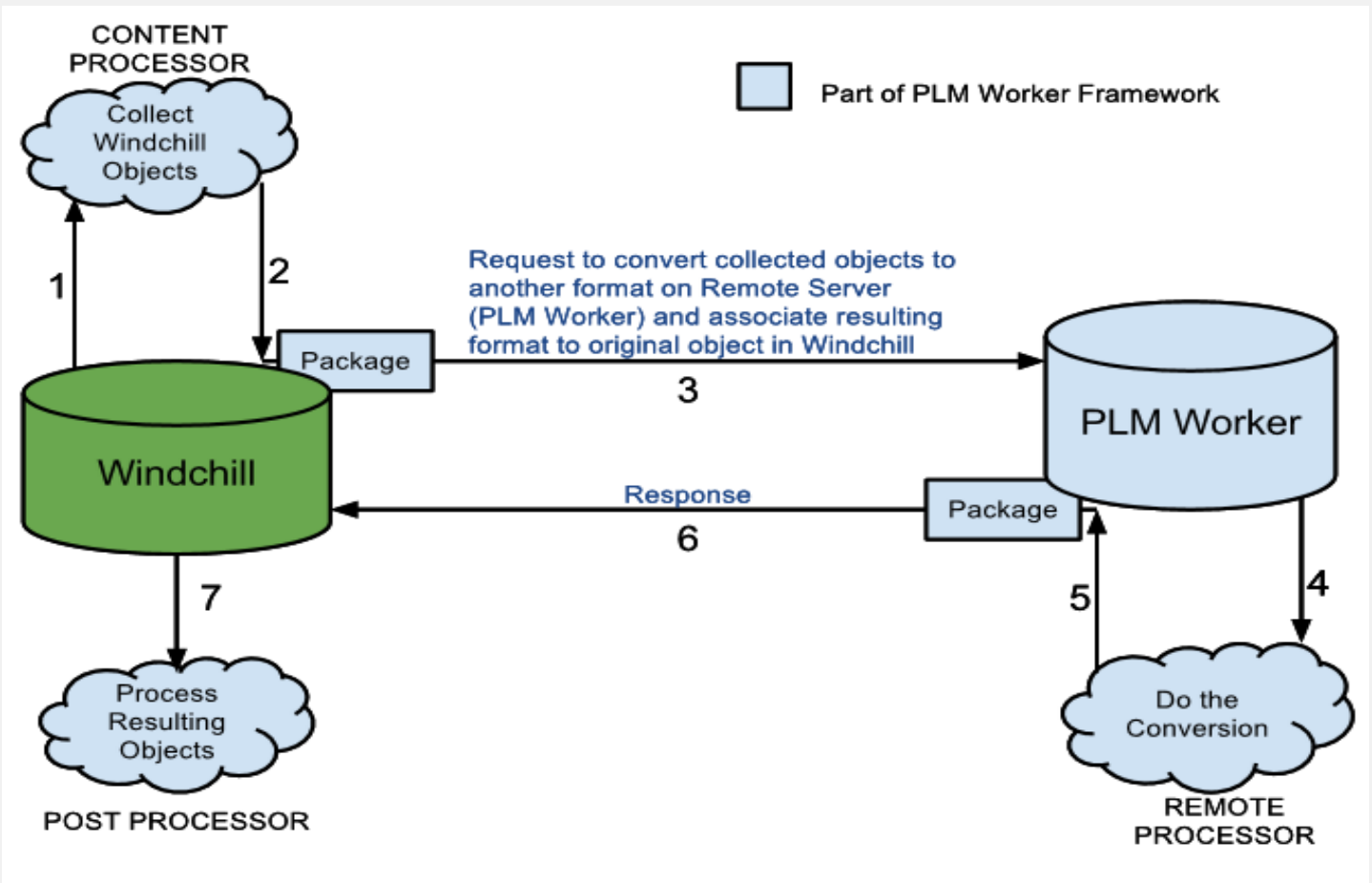




Overview

PLM Worker Framework allows for the conversion and manipulation of contents residing in Windchill by transferring them to remote PLM Worker server. Once processing happens on the PLM Worker server, the framework will automatically package the resulting contents and transfer them back to Windchill. In Windchill, the results could be further processed using one of the several plug-ins that PLM Worker provides. Additionally clients could write their own plug-ins as they see fit.

Video demo @ <http://najanaja.com/plmworker>



High-level Use Cases

- Collect objects in Windchill and convert them to another format on Remote server (PLM Worker) and associate resulting files to original objects in Windchill.
For example, convert CAD assembly to STEP and associate the STEP to CAD assembly as secondary content.
- Collect objects in Windchill and execute external processes on them on Remote server (PLM Worker)
For example, convert Drawing to PDF using AutoVue from Oracle and send the result to CAD plotter.

Examples of specific use cases handled by PLM Worker

Pre Process Phase	Request and Execution Phase	Post Process Phase
<i>Performed by PLM Worker's CONTENT PROCESSORS with option to add your own</i>	<i>Performed by PLM Worker's REMOTE PROCESSORS In real time or queued mode with option to add your own</i>	<i>Performed by PLM Worker's POST PROCESSORS with option to add your own</i>
Collect CAD object and its children in Windchill	Convert CAD to STEP	<ul style="list-style-type: none"> Make STEP Secondary Content of CAD Write STEP to Network folder Email STEP to Vendors Write your own plug-in to post process
Collect CAD object and its children in Windchill	Convert CAD to IGES	<ul style="list-style-type: none"> Make STEP Secondary Content of CAD Write STEP to Network folder Email STEP to Vendors Write your own plug-in to post process
Collect ACAD object in Windchill	Convert to PDF	<ul style="list-style-type: none"> Make PDF Representation Write your own plug-in to post process
Get Visio document from WTDocument object	Convert to PDF + Stamp PDF	<ul style="list-style-type: none"> Make PDF Representation Make PDF Primary Content Make PDF Secondary Content Email PDF to Vendors Write your own plug-in to post process
Collect CAD object and its children in Windchill	Convert to EDZ in " Real Time "	<ul style="list-style-type: none"> Make EDZ Representation <p><i>This can be done by OOTB CAD Worker however in queued mode. This is an example of possibility and flexibility that PLM Worker Framework provides.</i></p>
Collect CAD object and its children in Windchill	Extract CAD parameters in an XML file	<i>This is an example of possibility and flexibility that PLM Worker Framework provides.</i>
Collect CAD object and its children in Windchill	Print via plotter	None
Collect CAD or WTDocument objects	Execute external processes on collected objects. For example, fill out Adobe Live-form, generate reports	<i>You can get creative on how to process the results.</i>

Conclusion

PLM Worker is a highly configurable framework and hence the possibilities of what you can make it do are endless.

PLM Worker comes with many pre built CONTENT PROCESSORS, REMOTE PROCESSORS and POST PROCESSORS. If you need more processors (Plug-ins) for your specific needs, we can build them for you or help you create them.

For further questions or demo of the product, please contact:

NajaNaja Ltd
600 E Higgins Road, Ste 1D
Elk Grove Village, IL 60007
USA

Phone#: 847-220-7008
Email: contact@najanaja.com