

# Multi-Level BOM Reporting for Windchill

Functionality and Flexibility at a Competitive Price

## Access & Export Multi-Level BOM Reports for CAD Documents and WT Parts

- Provides one button access to Multi-Level BOM reports for CAD Documents and WT Parts
- Interfaces with Windchill Supplier Management Module for WT Part BOM Reports
- Supports Pro/ENGINEER, Inventor, SolidWorks, CATIA V5 and NX
- One button export to an Excel Spreadsheet

The screenshot displays the Windchill PDMLink interface for Multi-Level BOM reporting. The top navigation bar includes 'Home', 'Product', 'Change', 'Library', 'Organization', 'Site', and 'Supplier'. Below this, a search bar is visible with the text 'Multi-Level BOM Search'. The search criteria include 'Name: f.asm', 'Context Name: All Contexts', 'Number: ', and 'Latest Revision: '. The search results table shows 28 total objects, with the following data:

Number	Name	Context	Ver#	State	Last Modified
NUT_AND_BOLT.ASM	nut_and_bolt.asm	Demo_Test	A.1	Released	2010-03-05 09:23 EDT
P_TABLE.ASM	p_table.asm	Upload 1	A.1	In Work	2010-03-05 09:23 EDT
1005.ASM	1005.asm	Demo_Test	A.1	Released	2010-03-05 09:23 EDT
1005.ASM	1005.asm	Demo_Test	B.2	In Work	2010-03-05 09:23 EDT
1016.ASM	1016.asm	Demo_Test	A.1	Released	2010-03-05 09:23 EDT
1016.ASM	1016.asm	Demo_Test	B.2	In Work	2010-03-05 09:23 EDT
1020.ASM	1020.asm	Demo_Test	A.1	Released	2010-03-05 09:23 EDT
1020.ASM	1020.asm	Demo_Test	B.1	In Work	2010-03-05 09:23 EDT
1021.ASM	1021.asm	Demo_Test	A.1	Released	2010-03-05 09:23 EDT
1021.ASM	1021.asm	Demo_Test	B.4	Released	2010-03-05 09:23 EDT
1017.ASM	1017.asm	Demo_Test	B.1	In Work	2010-03-05 09:23 EDT

The right-hand pane shows the details for the selected object, 'Assembly - 1021.asm, B.4'. A red arrow points to the 'Create Multi-Level BOM' button. The details include:

- Number: 1021.ASM
- Name: 1021.asm
- File Name: 1021.asm
- Version: B.4
- In Work - Released
- State: Released
- Last Modified: 2010-03-05 09:23 EDT
- Modified By: demo
- Description:
- Type: Workgroup Manager CAD Document
- Document Category: Assembly
- Location: /Demo\_Test
- Created On: 2009-12-08 08:49 EDT
- Created By: demo
- Authoring Application: Pro/ENGINEER

The bottom section of the interface shows the 'Content Table' for the selected object, which contains one entry:

File Name	Category	File Size	Last Modified	Modified By
1021.asm	Pro/ENGINEER I ...	71.18 KB	2010-03-05 09:23 EDT	demo

The 'Attributes' section is currently empty, showing 'No Objects to Display'.

The Etrage Multi-Level BOM application provides users with a simple, quick method of developing Bills of Material reports from WT Parts and the various CAD documents supported by Windchill and the Work Group Managers. Resulting BOM reports can be easily exported to Excel for external use or import to ERP or MRP systems.




# Multi-Level BOM Reporting for Windchill

Knowledge, Experience and Customer Commitment

**Multi-Level Bill of Materials**

Target Part: 1021.asm, B.4      Executed By: demo

Time Of Execution: June 30, 2010 11:01:19 AM EDT



**Multi-Level BOM Table 2 (35 total objects)**

Level	Number	Revisor	Name	Quantit	Unit	State
0	1021.ASM	B	1021.asm			Released
1	1005.ASM	B	1005.asm	2	each	In Work
2	1005-2_STEAM ...	B	1005-2_steam_wheel.prt	4	each	In Work
1	1020.ASM	B	1020.asm	1	each	In Work
2	1020-6.PRT	B	1020-6.prt	1	each	In Work
2	1020-5.PRT	B	1020-5.prt	1	each	In Work
2	1020-1.PRT	B	1020-1.prt	1	each	In Work
2	1020-2.PRT	B	1020-2.prt	2	each	In Work
1	1018.ASM	B	1018.asm	1	each	In Work
2	1018_11-20.ASM	B	1018_11-20.asm	1	each	In Work
3	1018-12.PRT	B	1018-12.prt	2	each	In Work
3	1018-11.PRT	B	1018-11.prt	4	each	In Work
3	1018-13.PRT	B	1018-13.prt	4	each	In Work
3	1018-16.PRT	B	1018-16.prt	2	each	In Work
3	1018-15.PRT	B	1018-15.prt	1	each	In Work
2	1018_1-10.ASM	B	1018_1-10.asm	1	each	In Work
3	1018-6.PRT	B	1018-6.prt	1	each	In Work
3	1018-7.PRT	B	1018-7.prt	1	each	In Work
3	1018-10.PRT	B	1018-10.prt	2	each	In Work
3	1018-3.PRT	B	1018-3.prt	1	each	In Work

B7      1021.ASM

Level	Number	Revision	Name	Quantity	Unit	State
1	<b>Multi-Level Bill of Materials</b>					
3	Target Part:		1021.asm, B.4	Executed By:		demo
4	Configuration:			Time Of Execution:		June 30, 2010 11:01:19 AM EDT
6	Level	Number	Revision	Name	Quantity	Unit State
7	0	1021.ASM	B	1021.asm		Released
8	1	1005.ASM	B	1005.asm	2	each In Work
9	2	1005-2_STEAM_WHEEL.PRT	B	1005-2_steam_wheel.prt	4	each In Work
10	1	1020.ASM	B	1020.asm	1	each In Work
11	2	1020-6.PRT	B	1020-6.prt	1	each In Work
12	2	1020-5.PRT	B	1020-5.prt	1	each In Work
13	2	1020-1.PRT	B	1020-1.prt	1	each In Work
14	2	1020-2.PRT	B	1020-2.prt	2	each In Work
15	1	1018.ASM	B	1018.asm	1	each In Work
16	2	1018_11-20.ASM	B	1018_11-20.asm	1	each In Work
17	3	1018-12.PRT	B	1018-12.prt	2	each In Work
18	3	1018-11.PRT	B	1018-11.prt	4	each In Work
19	3	1018-13.PRT	B	1018-13.prt	4	each In Work
20	3	1018-16.PRT	B	1018-16.prt	2	each In Work
21	3	1018-15.PRT	B	1018-15.prt	1	each In Work
22	2	1018_1-10.ASM	B	1018_1-10.asm	1	each In Work
23	3	1018-6.PRT	B	1018-6.prt	1	each In Work
24	3	1018-7.PRT	B	1018-7.prt	1	each In Work
25	3	1018-10.PRT	B	1018-10.prt	2	each In Work
26	3	1018-3.PRT	B	1018-3.prt	1	each In Work