

SpecXpert Use Case 2: Create delta bulkload files by comparison of bulkload files from various sources

CHALLENGE

Synchronise piping catalogue data in an existing Smart 3D catalogue with bulkload files delivered by an internal piping material management system (e.g. first synchronisation between standard Intergraph Smart 3D catalogue (CatalogDB.dat/.dmp) and first export out of SmartPlant ReferenceData for codelists, generic data and plant rules).

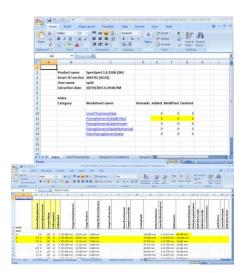
WORKFLOW STEPS

1. Select folders

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81) 48	Requested folder	C:\Data\SpecXpertDemo\3_CT\Requested C:\Data\SpecXpertDemo\3_CT\Current C:\Data\SpecXpertDemo\3_CT\Result			S3D Version	2014R1 *	٣	Codelists	Plant options			
4 Compare	Current folder								Plant rules Insulation data	Pipe bending d	data	
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Ready.												

- 2. Select Smart 3D version
- 3. Select the options

Press Compare button 4.



SOLUTION

- Use two existing sets (current and requested status) of bulkload files from various sources (manually written, exported from SmartPlant Reference Data, exported from in-house material management systems or extracted from the Smart 3D catalogue using SpecXpert, etc.)
- The result of the comparison is/are delta-bulkload file(s) that can be used to synchronise the Smart 3D catalogues: the delta-bulkload file contains A-M-D (add, modify, delete) rows and can be loaded by the Intergraph Bulkload Utility

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Contact & information:

CAXperts GmbH

Carl-Zeiss-Ring 4 P.: +49 89 96 97 72 0 85737 Ismaning – Germany info@caxperts.com

www.caxperts.com/sx

