

DESITE BIM 2.8.8

August, 11th 2022

Release Notes

IMPROVEMENTS & BUG FIXING:

● Import

- When importing CP2 and IFC files (here only for the class IfcAnnotation), a user-defined transformation was not applied correctly to text objects. In addition, cpCountVertices returned an incorrect result (0).
- Fixed a crash during CPIXML import that could occur only if the option "Keep Polygon Data" was set and invalid triangles were in the geometry description of the objects.

● Export

- IFC Export: The property "ObjectType" of the class IfcObject was sometimes incorrectly written as Enum instead of IfcLabel (Text).

● Activities

- The time unit of the MS Project attributes "TotalSlack" and "FreeSlack" (default: unit="min") can now be configured in the ConfigImport.mpp.xml file if needed.
- Fixed minor GUI bugs in the calendar widget (comment was not displayed when editing; view was not updated when a holiday was deleted).
- Automatic schedule update now also works for schedules exported from Asta Powerproject as XML file (MS Project XML interface in general).

● Clash Detection

- Improved inclusion calculation when using large tolerance values.

● Model Checking

- The options of a check run in the model check domain were not copied when copying the check run via drag & drop. This error has been fixed.

● API

- Optimized oriented bounding boxes (OBB/OBBxy) created via API are now always saved with the project.
- It was previously possible to create invalid point objects (<objectPoint>) with the API function createObjectFromXML(). This caused DESITE to crash when saving the project.

● Bill of Quantity

- The property "DescriptionID" (if the ID of a description is available as Tag ID="...") now is created during import. This is persistent when exporting from iTWO and is needed to identify items uniquely, because the item ID always changes.

● Tools

- When exporting version comparison results to Excel, the "Show WBS in first column" checkbox now has the expected function.
- A small bug has been fixed. Composites are now (optionally) listed in NEW and DELETED objects.

● Miscellaneous

- Datasheet Widget: If many objects are selected (the limit of 25 elements is exceeded), the rendering of the geometric properties is now canceled again and the application is no more blocked for some time.