

DESITE BIM 2.8.2

has been released today, 05 May 2021.
The installer will be available on [DESITE BIM downloads](#).

Release Highlights

NEW FEATURES:

- **API: read/write binary files**
 - Analogous to the already existing text file operations, `readBinaryFile()` and `writeBinaryFile()` have been added to allow handling of binary data I/O.
- **API: getPickedFaces**
 - The new function `getPickedFaces()` retrieves geometry information from faces picked by the measure handler.
- **Print templates Clash Detection / Model Check**
 - Global property values can now be used. Also added progress output when creating PDF file.
- **Model import & redirection**
 - A warning will be displayed when trying to import/redirect models from/to the project directory (top level).

IMPROVEMENTS:

- **MS Project XML import**
 - All task dependencies will be read (problem before: tasks are given in an arbitrary order)
 - The property WBS (may differ from ordinal number!) is created from tag 'WBS' instead of tag 'OutlineNumber'
 - The name and GUID of the project summary task will be used
- **Automatic updates of time schedules (modified source file)**
 - The formats Tilos and Primavera (XML) were not included but are now also updated.
- **IFC Import & IFC Export**
 - Few bug fixes and updates
- **Fixed issues in Graphical User Interface (GUI):**
 - Activities: Details widget
 - Model Versions: Widget of properties visibility
- **Model Check (md pro)**
 - Fixed an error in displaying the result message on the second check run in case no message was generated with `addMessage()`.
- **Clash Detection (md pro)**
 - Improved check for overlap of triangles.
 - Further small fixes.
- **Smart Sets**
 - Fixed an issue when creating SmartSets from objects that have parts as well as openings (option 'consider openings' unchecked).
- **API:**
 - `desiteAPI.selectionChangedByDomain(QString domain) / desiteAPI.visibilityChangedByDomain(QString domain)`
The missing domains 'qa' (model check) and 'cd' (clash detection) were added.
 - `desiteAPI.setHandlerMode(QVariantMap handlerInfo)`
Added missing handler type 'walk' and documentation for measure handler mode 'distance'.

Please find more information on this release in the [2.8.2 release notes](#).

Best regards,

DESITE BIM TEAM