



What's New in Cortona3D RapidAuthor and RapidAuthor S Version 9.1

There are two different versions of the software: RapidAuthor and RapidAuthor S. RapidAuthor S is integrated with Teamcenter and imports JT data; RapidAuthor imports data in various CAD formats (e.g. CATIA, NX, SolidWorks).

Improvements in RapidAuthor and RapidAuthor S

Authoring process

- Ability to import and edit section planes in 3D.
- Improved quality of generated 2D illustrations.
- Improved performance of 2D illustration generation, project saving, and procedure refreshing.
- Ability to preview documents as PDF in the Document Editor.
- Ability to filter XML documents opened in the Document Editor based on specified S1000D or DITA applicability values.
- Ability to bind the manipulator to the object center of mass when its position is being changed.
- Automatic generation of iOS compatible publications for the following specification components: Generic Procedure (RapidManual) and Generic IPC (RapidCatalog). Created publications can be viewed with Cortona3D Viewer for iOS.
- Ability to scale 2D illustrations in the RapidAuthor plugin-free publications.

RapidIllustrator

- A new tool in RapidAuthor suite is tailored to the creation of 2D illustrations from 3D geometry. RapidIllustrator is supplied along with specification component of a new special type – Generic Illustrations.

Cortona2D Editor Pro

- An improved algorithm of the Fill tool.
- Ability to create and fill the figure from the contour of selected objects.

JT data Import*

- Import of section planes information from Model Views.

* This functionality requires RapidAuthor S or Rapid JT Component to be installed.

Improvements in RapidAuthor only

Data import

- Support for Inventor 2017 and CATIA V5-6 2016.
- Improved data correction algorithms.
- Other bug fixes and performance improvements.

Improvements in RapidAuthor S only

Data import

- Ability to combine each JT file into one form, separate it by colors, save the file structure**.
- New features for processing the engineering data structure**.
- Improved data correction algorithms.

** This applies to Teamcenter import profiles and requires RapidAuthor S to be installed.

Improvements in Teamcenter Integration

Integration with Teamcenter Manufacturing

- Support for the Operation Activity object, ability to breakdown the manufacturing process operations into activities, each with associated starting time and duration.
- Ability to import the description of the resources that have been added from the classifier to the BOP and do not contain JT geometry.

Improvements in RapidDeveloper and RapidDeveloper S

- Ability to define the rules for correction of imported 3D geometry in RapidDeveloper (RapidDeveloper S).

Improvements in Cortona3D Viewer

- Support for section planes. Two VRML nodes have been added as an extension to VRML97 standard: ClippingPlane and ClippingPlaneCanceller.