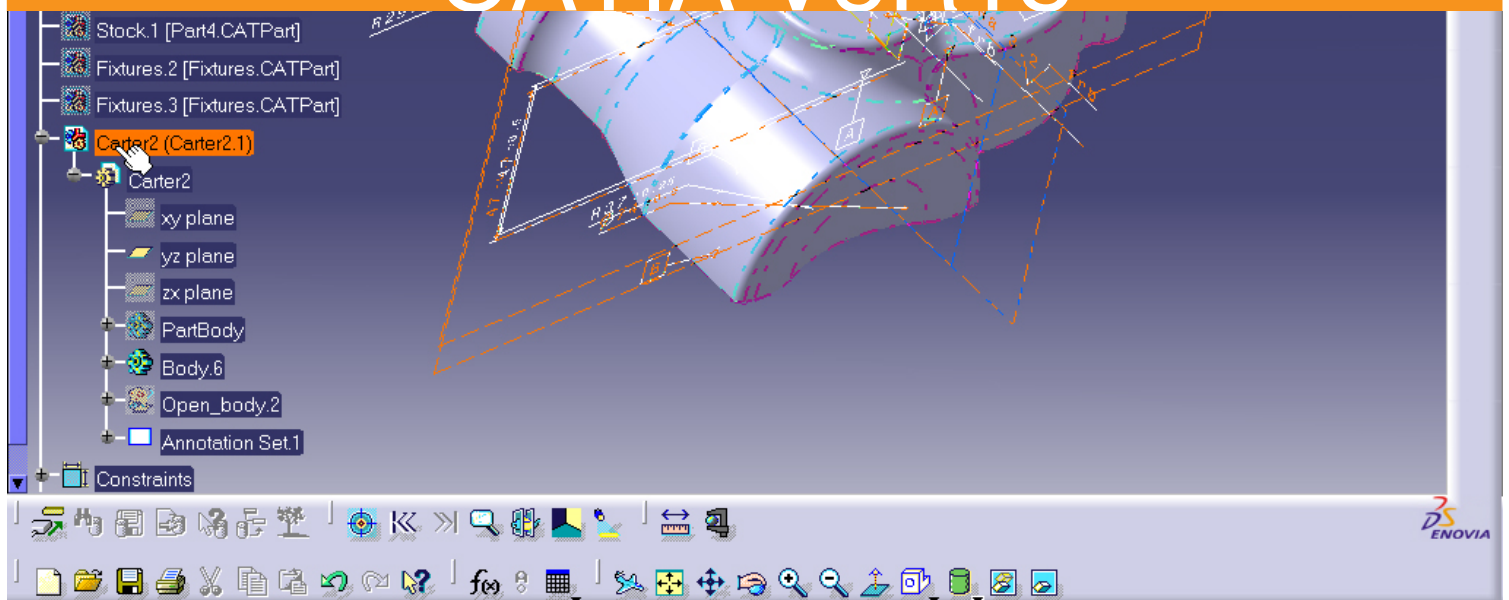


Product Synthesis

DMU Dimensioning & Tolerancing Review 1 (DT1)

CATIA V5R18





Product Synthesis

DMU Dimensioning & Tolerancing Review

Visualize, query, and filter mechanical dimensioning and tolerancing information.

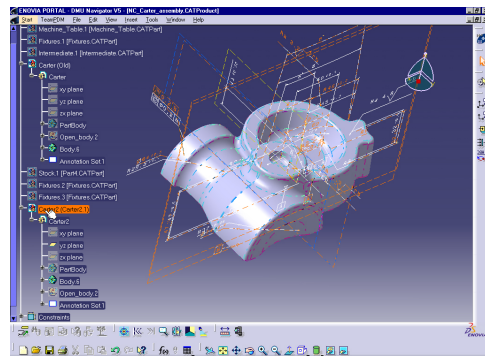
Product overview

DMU Dimensioning & Tolerancing Review 1 (DT1) is a new generation product dedicated to visualization, query and filtering of mechanical dimensioning and tolerancing in the context of the immersive and collaborative design review environment of the full digital mockup. DT1 facilitates the full integration of Digital Mockup centric processes within the global engineering environment of the customer.

DMU Dimensioning & Tolerancing Review 1 (DT1) gives access to Dimensioning & Tolerancing information to users without their having to generate 2D drawings, thus implementing a complete, 3D-only process. DMU Dimensioning and Tolerancing Review 1 (DT1) enhances understanding through its rich two-way associativity between Dimensioning & Tolerancing annotations, geometrical elements and features. It also makes apparent underlying geometry semantics.

Product Highlights

- ❑ 2D and 3D visualization of tolerances between surfaces in a digital mockup
- ❑ Advanced filtering capabilities: to filter the display by criteria, element and/or feature
- ❑ Complete two-way associativity, in-between Dimensioning and Tolerancing annotations, geometrical elements and features
- ❑ Preserves existing customer investment



with the support of data designed with the FD&T function in CATIA CADAM Version 4

- ❑ Benefits from the full integration with the ENOVIA DMU line of products
- ❑ OLE support, offering utilization of several component attributes within office such as maintenance documents
- ❑ Save a FD&T document in VRML 1.0 format for review and distribution in a standard browser
- ❑ Support for CATIA V5 FD&T

Product Key Customers Benefits

- ❑ Direct access to accurate dimension and tolerancing information eliminating the need for 2D hand drawings and limiting the potential for errors
- ❑ Improved quality & productivity with less errors and less defects thanks to paperless process
- ❑ Especially useful for shopfloor to facilitate communication and common understanding

ABOUT CATIA V5R18

CATIA is Dassault Systemes' PLM solution for digital product definition and simulation.

plm.3ds.com/CATIA

