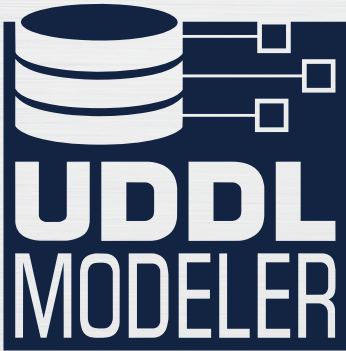


UDDL DATA MODELER



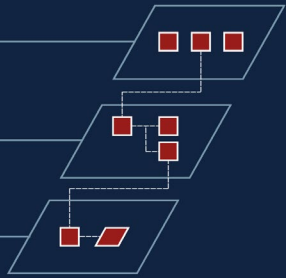
UDDL Modeler provides an environment for developing data models that are conformant to the Open Group's **OPEN UNIVERSAL DOMAIN DESCRIPTION LANGUAGE** (Open UDDL). UDDL Modeler is a complete end-to-end development environment for creating UDDL data models and performing verification of system data through UDDL conformance testing. UDDL Modeler reduces the complexities of managing large collections of model elements and streamlines the development and integration of software, interoperable system components, and conformance verification of 3rd party supplied system components.

FULL NATIVE UDDL IMPLEMENTATION ENSURES TRUE UDDL ARCHIVING OF PROGRAM MODEL BASELINES WITH NO PROPRIETARY TRANSLATION LAYERS.

**CONCEPTUAL
DATA MODEL**

**LOGICAL
DATA MODEL**

**PLATFORM
DATA MODEL**



INTUITIVE WORKFLOW

Visualize, access, and understand complex UDDL data models, develop and maintain DSDMs containing thousands of elements with UDDL Modeler's filterable auto-diagram and context-driven views. UDDL Modeler editors and views provide top-level and domain-specific visibility into model elements, and the relationships between them, ensuring the user maintains context of their current task instead of navigating nested properties editors to find string-based tags typical of other tools.

FACE® TECHNICAL STANDARD CONFORMANCE

If your program is utilizing the FACE Technical Standard for software in your system architecture, UDDL Modeler is a complete solution, with in-built conformance testing, for developing FACE Edition 2.1.X and 3.X UoP Supplied Models (USMs) and Domain-Specific Data Models (DSDMs), and provides the ability to convert FACE 2.1.X models to FACE 3.0 and FACE 3.0 models to FACE 3.1+.

PCS	UoP
TSS	UoP
PSSS	UoP
IOSS	SVC

GENERATE DIGITAL ARTIFACTS

UDDL Modeler enables the generation of digital artifacts from your digital models and data, including Interface Control Document (ICD) generation and model to document transformation through Document View export to various file formats: Office, Open Office, iWork, PDF. It has specialized import and export wizards including import and export of FACE 2.1.X and 3.X models, export of FACE 3.X IDL and TSS segment artifacts. UDDL modeler also generates the required digital assurance artifacts to support integration of our safety critical AFCE-178 FACE conformant platform.