

Definition of Terms used in the Documentation

Administrator	The user that is responsible for the management of the CREATE server. The Administrator is the primary user of the User Tool, Guideline Tool, and Model Bank Tool.
Administration rights	Access rights that can be assigned by the Administrator to other users to allow them to use the administration tools (User Tool, Guideline Tool, and Model Bank Tool). Administration rights are assigned on a per-tool basis.
Apache	An open source Web server application.
COLLADA	See DAE.
CR	Control room.
CREATE	Control Room Engineering toolkit software developed by IFE.
DAE	Digital Asset Exchange; an ISO-standard file format for exchange of digital assets, including 3D models between software systems (ISO/PAS 17506:2012).
Designer	A user that produces a layout using the Layout Tool.
HCT	Human-Centered Technologies. A section organised under the MTO Software Engineering division at IFE.
HED	Human Engineering Discrepancy
HF	Human factors.
HFE	Human factors engineering.
HRP	Halden Reactor Project
HSI	Human-system interface
HTML	Hypertext Mark-up Language.
HVRC	Halden Virtual Reality Centre. A lab managed by the Human-Centred Technologies section in the Software Engineering department at IFE.
IFE	Institute for Energy Technology (Institut for energiteknikk). A research foundation in Norway located at Kjeller and Halden.
Java	A general purpose cross-platform programming language.
JPEG	An image format with lossy compression.
KB	Knowledge-based.
Layout	A 3D scene with associated data such as annotations that comprise a revision of a layout design.
Manikin	A virtual human. A 3D model of a human used to evaluate ergonomics.
MCR	Main control room.
Model	A 3D geometric object defined in a 3D model file, which can be added to a Layout via the Model Bank.
Model Bank	Hierarchically organised database of 3D Models.
MTO	Human Technology Organisation. A sector at IFE.
NRC	Nuclear Regulatory Commission
NUREG	US Nuclear Regulatory Commission Regulation
PNG	An image format that supports efficient lossless compression.
Parametric Object	An object that can be added to a layout that is defined by a set of user-modifiable parameters as opposed to a static pre-defined Model Bank object.
Project Manager	User that is, or can be, responsible for the management of a project configuration.
Project Owner	The project manager that is responsible for a specific project.
Reviewer	A user that uses the Verification Tool to review layouts.

Revision	A saved modification to a version. A revision is created when a layout version is modified and saved without specifically saving it as a new version.
Role	In CREATE, users can have one or more of the following roles: Administrator, Designer, Reviewer, Project Manager.
Scene	The view of a layout displayed in a 3D view, comprising of a hierarchy of models and parametric objects.
Server	A central database containing the CREATE system and project data.
Tool	A CREATE client application (e.g. User Tool, Guideline Tool, Model Bank Tool, Project Management Tool, Layout Tool, and Verification) used to manipulate data on a CREATE Server.
UI	User interface.
User	The primary user of whichever piece of software is being described.
Version	A layout with a unique name in the scope of a project. A version may comprise of several revisions.
V&V	Verification and Validation.
VR	Virtual reality.
VRML	Virtual Reality Modeling Language. VRML 97 is an ISO standard 3D file format (ISO/IEC 14772-1:1997).
XML	Extensible Mark-up Language. A meta-language used to define a valid data hierarchy for structured data that can be used to encode data.