OCAF: Framework For Development of Applications

OBJECTIVE: Develop an application with OCAF: geometric data, document-view model, undo-redo mechanism…

CONTENT

Day 1
Introduction
- ✓ What is OCAF
- ✓ Advantages
- ✓ Architecture
- ✓ Services
- ✓ Basic concepts

OCAF Components
- ✓ Application
- ✓ Document
- ✓ Label
- ✓ Attributes

Day 2
Ready-to-use attributes
- ✓ Standard attributes
- ✓ Shape Attributes (Named Shape)
- ✓ Tracking shape evolution
- ✓ Presentation attributes

Day 3
Modification & Regeneration
- ✓ Data storage
- ✓ Introduction to modification
- ✓ Organization of attributes
- ✓ Re-computation of attributes
- ✓ Re-evaluation of presentable objects attributes

REGISTRATION
https://www.opencascade.com/contact

EXERCISES
- ✓ Create a multi-document and a multi-viewer application
- ✓ Object attributes displaying
- ✓ Persistence
- ✓ Undo/Redo commands
- ✓ Modification and Re-Run

PREREQUISITES
- ✓ C++
- ✓ Basic OCCT concepts

(OPEN CASCADE Fundamentals training module)

DURATION, LOCATION
- ✓ 3 days
- ✓ At the Customer's site or at the premises of OPEN CASCADE (Guyancourt, Lyon - FRANCE)