



Course Name: TEAMCENTER (Advance Level)

Course Duration: 40 Hrs.

Course overview:

- Description
 - In this Process Designer Basics course, students explore the Team center ability to directly view nodes from the product tree, operation tree, or Resource tree.
- Prerequisites
 - Previous experience with a **NX CAD -3D CAD** and **Teamcenter basic of admin and BMIDE** system is also recommended.
- **Course contents**
 - 1) AWC customization
 - 2) Introduction to React JS
 - 3) Write Code in the Browser
 - 4) Local Development Environment
 - 5) What Is React?
 - 6) Inspecting the Starter Code
 - 7) Customization in Active Worksapce
 - 8) Types of customizations
 - 9) AWC development environment
 - 10) Development Utilities
 - 11) Development scripts
 - 12) Use Microsfot Visual studio code
 - 13) initEnv.cmd
 - 14) awbuild
 - 15) npm run generateModule
 - 16) npm run audit
 - 17) npm run refresh
 - 18) npm run exportToSrc
 - 19) npm run devServer
 - 20) npm run build
 - 21) npm run publish
 - 22) npm run genSoaApi
 - 23) npm run convertTemplates
 - 24) The declarative module
 - 25) Verify your customizations using the development server
 - 26) AWC logging
 - 27) Component Architecture Introduction
 - 28) Tools and Info Command Customization



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- 29) Add Command at particular placement
- 30) Location and Sub location Customization
- 31) Navigation Command Customization
- 32) One Step Command Customization
- 33) Default SOA Customization in AWC
- 34) Custom SOA Customization in AWC
- 35) Declarative Client Definition
- 36) Active workspace Extensity Vision
- 37) Declarative view
- 38) Create the new View
- 39) Declarative Condition
- 40) Declarative and extensible framework
- 41) Declarative Customization
- 42) Extensibility –Pattern Library
- 43) Deployability – command builder
- 44) Command builder – commands
- 45) Command builder –toolbars
- 46) Deployability – command panel builder
- 47) Panel Builder – modify a panel
- 48) Debugging and Logging
- 49) Deployability – demo creating a new command and its panel.
- 50) Create the custom directive in AWC
- 51) Call the custom controller in AWC
- 52) Create the location and sublocation using custom Data-Provider
- 53) Server side programming for custom Data-Provider
- 54) Load the custom view in stylesheet
- 55) Load the data Provider in stylesheet.
- 56) Call the custom location and sublocation using custom tile
- 57) Migrating previous version code to AWC 6.2 Version