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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Nidderdale House, Beckwith Knowle, Harrogate, HG3 1SA

Email: educationteam.ecs.uk@arrow.com
Phone: 0870 251 1000

IBM Content Navigator 2.0.2 - Plug-ins and External Data Services

CODE:	LENGTH:	PRICE:
ZL1_F122	2 day(s)	£1,300.00

Description

This course provides training on customizing and extending the IBM Content Navigator features. You learn how to develop plug-ins, implement External Data Services, and create a custom workflow step processor. You use the student guide and an IBM Content Navigator system to complete the learning.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. http://www.ibm.com/training/terms

Objectives

Upon completion of this course, participants will be able to:

- Implement External Data Services (EDS)
    - Prefill an initial value for a data field
    - Implement property field validation
    - Create dependent Choice Lists with sample EDS
    - Change the field status dynamically for a property
- Develop custom plug-ins to do the following tasks:
    - Implement custom Response Filters
    - Add a custom Property Editor
    - Add a custom Feature
    - Add a custom Action
- Create a Custom Workflow Step Processor
    - Develop and configure a custom step processor
    - Add external data services to step processor
    - Add an action to the custom step processor
- Use Content Navigator widgets in other applications
    - Integrate Content Navigator with URL API

Audience

- Developers who are responsible for
    - Customizing and extending the IBM Content Navigator features by developing plug-ins
- Anyone who needs to know the capabilities of IBM Content Navigator.

Prerequisites

- Intermediate level expertise in the following technologies:
    - Java
    - JavaScript
    - JSON
    - HyperText Markup Language (HTML 5)
    - Cascading Style Sheets (CSS3)
    - Dojo (version 1.8.4)

- Experience with Eclipse IDE for developing applications.
- Familiarity with deploying applications in WebSphere Application Server.
- Familiarity with Content and Business Process Management (workflow) concepts
- Experience with IBM Content Navigator or the following recommended Courses:
  - F205 - Introduction to IBM Content Navigator 2.0
  - F121 - IBM Content Navigator 2.0.2 Administration

Programme

Implement External Data Services (EDS)

- Request and response filters implemented in the sample EDS
- External Data Services and EDS REST protocol
- Create choice lists with External Data Service
- Appendix: Steps to import the sample EDS into Eclipse

Develop Plug-ins

- IBM Content Navigator development architecture
- Develop applications with IBM Content Navigator
- Setting up the development environment for plug-ins
- IBM Content Navigator Plug-ins
- IBM Content Navigator plug-in extensions
- Request and response filters
- ContentList and Document information areas
- Custom Property Editors
- Add feature to IBM Content Navigator interface
- Creating Client-side plug-in extensions
- Develop a plug-in to add a menu action

Create a Custom Workflow Step Processor

- Workflows in IBM Content Navigator
- IBM Content Navigator step processors
- Custom step processors
- Add an Action to the Custom Step Processor (to use embedded viewer)
- Use Content Navigator widgets in other applications
- Externalize IBM Content Navigator widgets
- Unbound integration
- Externalize with URL API and Deep linking
- Externalize with a custom Feature
- Externalize with a custom Layout
- Bound integration

Appendix

- Start and Stop System Components
- Debugging and troubleshooting
- Develop ECM Widgets solutions in IBM Content Navigator
- Additional Information and links

Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.
GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: http://w3.ibm.com/services/gbs/evita/BCSVTEnrl.nsf
Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Session Dates

On request. Please <u>contact us</u>

Additional Information

This training is also available as onsite training. Please contact us to find out more.