

Eclipse Training Courses

Introduction to Eclipse Plug-in and RCP Development (3 days)

This course covers all the base technologies behind Eclipse plug-ins and the Rich Client Platform. Delegates are introduced to each new area in a standard presentation-based session. They are then given an opportunity to embed this knowledge through instructor-led labs.

<p>Day 1</p> <ul style="list-style-type: none"> • Introductions (½ hour) <ul style="list-style-type: none"> ▶ the trainer ▶ the course & delegates' wishes ▶ the Eclipse project • “Plug-ins and the PDE” (2½ hours) <ul style="list-style-type: none"> ▶ What is a plug-in? ▶ Dependencies & encapsulation ▶ Extension points ▶ Features & Fragments ▶ Running & testing a plug-in • Lab (1½ hours) • “SWT & JFace” (2½ hours) <ul style="list-style-type: none"> ▶ SWT architecture ▶ Widgets, events and layouts ▶ Overview of JFace ▶ Viewers, dialogs & data binding 	<p>Day 2</p> <ul style="list-style-type: none"> • Lab (1½ hours) • “RCP Basics” (1½ hours) <ul style="list-style-type: none"> ▶ Workbench breakdown ▶ Application lifecycle ▶ Perspectives and views ▶ RCP tooling • Lab (1½ hours) • “Menus & Wizards” (1½ hours) <ul style="list-style-type: none"> ▶ Menus & Action Sets ▶ 3.3+ Menu API ▶ Creating a wizard ▶ Integrating wizards in the workbench ▶ Lab (1½ hours)
<p>Day 3</p> <ul style="list-style-type: none"> • “Editors & Forms API” (1½ hours) <ul style="list-style-type: none"> ▶ Editors ▶ Forms API ▶ File system interactions • Lab (1½ hours) • “Preferences, Concurrency & More” (1½ hours) <ul style="list-style-type: none"> ▶ Preferences API ▶ Creating extension points ▶ Concurrency & Jobs API ▶ Accessing Help • Lab (1½ hours) • “Bonus Section”(1 hour) <ul style="list-style-type: none"> ▶ Real-life patterns & tips ▶ ‘RCP’ vs. ‘Plug-in’ development 	<p>Course Size</p> <ul style="list-style-type: none"> • 4 – 10 delegates (recommended 6-8) <p>Required Skills</p> <ul style="list-style-type: none"> • Java experience • familiarity with Eclipse IDE <p>Materials</p> <ul style="list-style-type: none"> • all materials supplied (bound presentation slides, course notes, lab instructions) <p>Required Resources</p> <ul style="list-style-type: none"> • Windows PC with ‘vanilla’ full Eclipse 3.3/3.4 install per delegate • Projector & Screen • Whiteboard

delivered in association with **RCP QuickstartSM**