

Eclipse Training Courses

Eclipse Modelling (3 days)

50% Instruction 50% Hands On

Eclipse modelling is possibly the most exciting growth area within the Eclipse world. This course is targeted at Eclipse developers who are interested in the value-add that EMF can offer. The course starts with the ECore fundamentals and takes the delegates through code generation of simple editors and onto the impressive functionality of sub-projects such as GMF and CDO.

<p>Day 1</p> <ul style="list-style-type: none"> ▶ EMF Fundamentals <ul style="list-style-type: none"> ▶ Modelling – Why? ▶ ECore & Generator Models ▶ Generating Code ▶ Basic Editors with EMF.Edit 	<p>Day 3</p> <ul style="list-style-type: none"> ▶ Major Uses <ul style="list-style-type: none"> ▶ CDO ▶ GEF & GMF
<p>Day 2</p> <ul style="list-style-type: none"> ▶ Using EMF in the Real World <ul style="list-style-type: none"> ▶ Reflection vs. Concrete Models ▶ Emitters ▶ Code Tuning ▶ Persistence ▶ Overview of EMF sub-projects 	<p>Course Size</p> <ul style="list-style-type: none"> • 4 – 10 delegates <p>Resources</p> <ul style="list-style-type: none"> • Windows PC with full install of Eclipse 3.4 Modelling tools <p>Materials</p> <ul style="list-style-type: none"> • all materials supplied (bound presentation slides, course notes, lab instructions)
<p>Prerequisites</p> <p>Delegates must have experience of Eclipse RCP development. They will be expected to be able to follow instructions such as:</p> <ul style="list-style-type: none"> • “create a target platform that includes the XXX plug-ins” • "create a plug-in project that implements extension point XXX". <p>Though modelling experience is not required, some knowledge of UML will help.</p>	