

Presentation TOC

Presentation	TOC
To script or not to script?	<ul style="list-style-type: none"> • Why Scripting? • Scripting languages <ul style="list-style-type: none"> • Bash - Close to the system • Perl - Text transformation & processing • Python - Expressive, feature rich, object oriented • Comparison • Bash <ul style="list-style-type: none"> • Overview, advanced syntax and Gridified examples • Perl <ul style="list-style-type: none"> • Overview, syntax and Gridified examples • Python <ul style="list-style-type: none"> • Overview, syntax and Gridified examples • Which one should I use <ul style="list-style-type: none"> • Do I really need scripting? <ul style="list-style-type: none"> ◦ To script or not to script? • Language choice • Conclusions • Questions
g-Eclipse, Not to script	<ul style="list-style-type: none"> • The Grid Reality – The problem <ul style="list-style-type: none"> • Grid Infrastructure. • Grid Technologies. • Grid Application Life Cycle. • g-Eclipse – The Idea. • Eclipse <ul style="list-style-type: none"> • The Eclipse Platform • The Eclipse Community. • g-Eclipse Platform Architecture.

	<ul style="list-style-type: none"> • g-Eclipse Overview <ul style="list-style-type: none"> • Grid Project • g-Eclipse Perspectives <ul style="list-style-type: none"> • User Perspective • Developer Perspective • Operator Perspective • Eclipse Current Status and Future Prospects. • Summary
<p>Building Applications on the Grid</p>	<ul style="list-style-type: none"> • Basics; the necessary concepts • The HellasGrid & SEE Environment • Workflows and parametric jobs • Portals and job submission tools • Credential management • AMGA & Metadata management <ul style="list-style-type: none"> ○ A demonstration of a UNOSAT application • Trade-offs and special topics <ul style="list-style-type: none"> ○ Performance Optimization ○ Security vs Performance ○ Information System consistency ○ Checkpointing • Other resources that could be useful
<p>gLite Basic APIs</p>	<ul style="list-style-type: none"> • Application definition • Environment configuration • Information discovery • Data management • Program definition • Program execution • Summary