







School@chep06 11-12 February 2006, Mumbai









School@chep06 11-12 February 2006, Mumbai



























School@chep06 11-12 February 2006, Mumbai

Erabling Grids for E-science	WS & Grid Goals
 Enabling Grids for Evaluated Web Services Goals Computational presentation & access of Enterprise services Marketing integrated large scale software and systems Model for independent development Model for independent operation 	Grids Goals Sharing information and resources Framework for collaborative development Framework for collaborative operation
INFSO-RI-508833	GridKa: Web Services, WSRF and GT4 21



	WS & Grid Standards
 Web Services WS-I Core agreed & provided WSDL, SOAP, UDDI, WS-security Many others under way WS-* are important Competition & synthesis Commercial battleground 	Grids None Continuum from requirements & research to well specified standards proposals Building on & influencing WS Transfer from OGSI to WS- Resource Framework & WS- Notification
INFSO-RI-508833	GridKa: Web Services, WSRF and GT4 23







Web service itselfBack end- is stateless Service Front end Freely t Consumer Front end A/C 7 gld Front end Freely t Consumer Front end A/C 7 gld instances of back-end for each resource OpenA/C OpenA/C Maintains state in a back-end Service request	eful Resources	CGCCC Enabling Critis for E-solence
Maintains state in a back-end	Back end global state Factory function	Web service itself is stateless Service Front end Freely t Consumer multiple instances of back-end for each resource OpenA
identifies the specific resource	Ac7 PO() elivSched	Maintains state in a back-end Service request identifies the specific resource



School@chcp06 11-12 February 2006, Mumbai









School@chep06 11-12 February 2006, Mumbai



