

MARIA Fact Sheet

UIDL Name:	Model-based lLanguage foR Interactive Applications
Version:	V1.4.12 (current version) MARIA is evolution of TERESAXML, dating back to 2003
Reference:	<i>MARIA Specification</i> , ISTI Internal Report, May 2011
Experience in UIDL:	Since 1990
Adoption:	More than 70 Institutions worldwide in these countries: France, UK, USA, Switzerland, Italy, Brasil, Belgium, Uganda, The Netherland, Germany, Serbia, Spain, Tunisia, China, South Africa, Norway, Greece, Algeria, Portugal, Austria, Finland
Web Sites:	http://giove.isti.cnr.it/tools/MARIAE/home
Funding:	FP5 Cameleon, FP7 Open, FP7 ServFace, Artemis SMARCOS
Publications:	30 Scientific Papers since 2003

Semantics:	UML2.0 class diagram
Syntax:	XML Schema
Coverage:	Task, Domain, Abstract User Interface, Concrete UI for graphical desktop, CUI for mobile, CUI for mobile with support for touch, CUI for vocal, CUI for multimodal desktop, CUI for multimodal mobile, Transformation
Compatibility:	With Cameleon Reference Framework and with Model-Driven Engineering principles (OMG)

MARIA is supported by the following software:

Java editor:	Developed in Java Swing
Web-based editor:	Developed in HTML5
Transform. engine:	Supported through XSLT transformations
HTML5/4 engine:	From CUI to HTML5 for desktop and mobile platforms
JSP (with WS access):	Engine From CUI to JSP (desktop/mobile platforms)
VoiceXML engine:	From CUI to VoiceXML for vocal platforms
X+V engine:	From CUI to X+V for multimodal platforms (desktop/mobile)
SMIL engine:	From CUI to SMIL for multimedia platforms