MARIA Fact Sheet

**UIDL Name:** Model-based lAnguage foR Interactive Applications

**Version:** V1.4.12 (current version)

MARIA is evolution of TERESAXML, dating back to 2003

**Reference:** *MARIA Specification*, 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 Netherlands, Germany, Serbia, Spain, Tunisia, China, South Africa, Norway, Greece, Algeria, Portugal, Austria, Finland

**Web Sites:** [http://giove.isti.cnr.it/tools/MARIAE/home](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