

GRISINO

Grid Semantics and Intelligent Objects

*UMA Information Technology GmbH,
University of Innsbruck
and
Salzburg Research Forschungesekkschaft MbH*

Factsheet

Partners: UMA Information Technology GmbH, **UMA**
University of Innsbruck, **DERI**
Salzburg Research Forschungesekkschaft MbH, **SRFG**

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Aim

The aim of GRISINO is to combine three leading edge technologies - **Semantic Web Services, Knowledge Content Objects, Grid Computing** for the definition of intelligent and dynamic business processes

Factsheet

□ Research Questions

- **Context sensitivity of complex processes** – how can services “understand” knowledge based content in order to support “intelligent processes?”
- **Semantic service awareness of complex objects** – how can knowledge based content objects be specified in order to support the “re-contextualization” by web services e.g. when used in new usage environments?
- **Integrated grid-enabled semantic web services and objects infrastructure** – how can object-aware semantic web services and semantic-web service-aware “intelligent” objects be integrated into a common GRID computing infrastructure