Progress in Proof-of-Concept tools

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POC Runtime architecture

- Just a proposal...

ECIMF-compliant agent

- MANIFEST
- MANIFEST interpreter
- Semantic Translator
- Process Mediator
- Intermediate storage
- External Resource Access
- Syntax Mapper
- Syntax Mapper

(from ECIMF Navigator)

Framework A

Framework B

external resources
Where are we now?

- Initial attempts to extend Conzilla
  - Primarily for Semantic Translation
  - Combine with another available tool (Protégé)
  - Add support for RDF models
- No other work has been done so far…
Conzilla - Protégé plugin
Conzilla - editing meta-data
Status of Conzilla

- Protégé plugin mostly implemented by KTH team
  - Layout needs to be improved
  - Storage of the Conzilla Maps in the Protégé KB needs to be discussed

- Solid support for import/export of RDF
  - Connectivity to other Semantic Web work…

- The future?
  - Useful tool for navigating ontologies and working with meta-data
  - Reuses other plugins available through Protégé
  - The core development somewhat stalled…

- How does this contribute to the goals of ECIMF?
  - Semantic Translation: still to be done…
  - Too generic? Too abstract? Too flexible?
Summary

- The future use of Conzilla needs discussion
  - In the best case, it solves just the Semantic Translation part…
- Other parts of the toolkit are nonexistent yet…
  - Business Context matching
  - Process Mediation
  - Syntax Mapping
- Probably the POC toolkit should be limited to support the case outlined in the ECIMF-POC document…
- There is a draft architecture of the Runtime, for discussion
- Obviously, suggestions and help are much needed!
Further information

- ECIMF Project Information Center
  - http://www.ecimf.org

- Conzilla
  - http://www.conzilla.org

- WebGiro
  - http://www.webgiro.com

- CID/NADA, KTH
  - http://cid.nada.kth.se