

 Express the patterns and trends that data mining produces in machine-processible fashion

17 July 2009

IJCAI 2009

Unifving Log

Ontology:

OWL

RDFS

URI/IRI

interchange

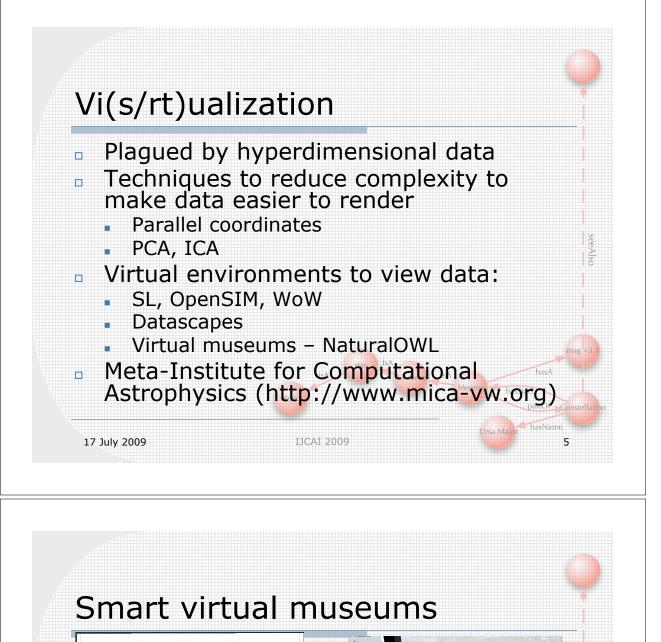
Ouerv

SPARQL

Rule RIF

XML

Crypto



Welcome to the ground floor!

 What the robot says about the exhibits is not written in advance! The robot uses natural language generation technology to produce texts automatically from knowledge stored in logical form and small pieces of text. This allows the robot to tailor what it says, for example by including comparisons to previous exhibits. It also allows it to generate texts in multiple languages from the same knowledge representation. The robot currently speaks English and Greek.

"This is a prochous. A prochous is a vessel that was used to pour liquids. It has one handle, a large body, and a nib-like neck. This particular prochous was created during the Classical period. The Classical period is characterised by the initial political supremacy of Athens (its "golden age"), which was followed by the expansion of the Greek world under the rule of Alexander the Great of Macedonia. It covers the time between 480 and 323 B.C. This has prochous dates from the second quarter of the 5th century B.C. It depicts a Greek hunting a Persian. Currently it is exhibited in the Museum für Kunst in Hamburg."

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