

LifeWatch

e-Science European Infrastructure
for Biodiversity and Ecosystem Research



ATTIVITA' IN CORSO & PRIORITA' STRATEGICHE



CENTRO TEMATICO INTERAZIONI

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CENTRO TEMATICO INTERAZIONI

MISSION

- The Interactions Thematic Centre aims to integrate the data resources required to study the responses of **interacting individuals, populations and species** and analyse the mechanisms underlying **biodiversity organisation**.
- With this aim, the Thematic Centre produces tools and services to standardise, integrate and analyse data on inter-individual interactions at the scale (grain and extent) required.



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ONGOING ACTIVITIES

LIFEWATCH DATA PORTAL



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Habitat Type ?

Organism Group ?

Scientific Name ?

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Problem

Large amounts of relevant data...

.....highly heterogeneous (format, content, semantics)



Heterogeneity impedes:

- Data Discovery
- Data Integration
- Data Re-usability

What do we need?

- Harmonization
- Standardization

in order to share information and to support and facilitate the research in this field

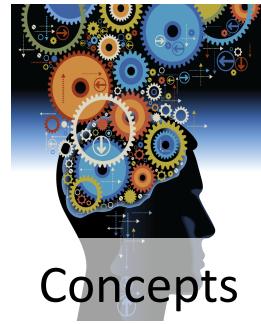


Solution

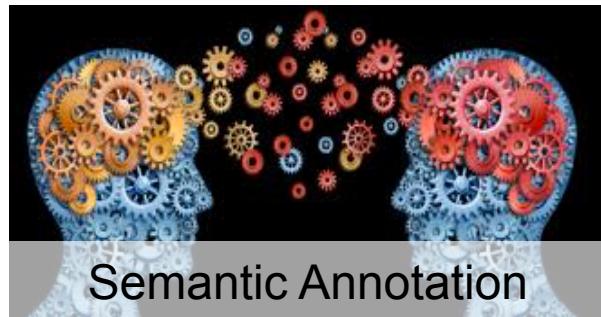
How can we do it?



Data



Concepts



Semantic Annotation