

Capability Case: **Retrieval Assistant**

Intent: Uses ontologies to extend, enrich or focus search queries.

Solution Story: **Using Ontology to find Information at the German Environmental Portal**

g·in® THE PORTAL for environmental issues
Environmental Information from German Authorities

Home about gein active help/FAQ deutsch imprint

RETRIEVAL ASSISTANT

input: Biotope of the Year 2004/2005 is the meadow Biotope of the Year is the meadow. **analyzed:** [Biotope, 2004, meadow, 2005] [Back to search page](#)

Your search text was analyzed and the following terms have been found:

Topic	Area	Time
<p>Shown: 5 of 5 Entries</p> <p>Please select one or more topics for the query:</p> <p>added: "grassland" "meadow" "willow" "meadow" "grazing"</p> <p><input type="checkbox"/> grassland</p> <p><input type="checkbox"/> meadow</p> <p><input type="checkbox"/> willow</p> <p><input type="checkbox"/> meadow</p> <p><input type="checkbox"/> grazing</p> <p>add search word</p> <p><input type="text"/></p> <p><input type="button" value="add"/></p>	<p>No names found.</p> <p>You have the following possibilities:</p> <ul style="list-style-type: none"> - Change your search input - Use the full-text search - Insert further names - Help/FAQ contains further hints <p>no additional terms found</p> <p>add area name</p> <p><input type="text"/></p> <p><input type="button" value="add"/></p> <p>Find results...</p> <p>many selected area names ▾</p>	<p>Shown: 2 of 2 Entries</p> <p>Please select one or more time points for the query:</p> <p>added: "2004" "2005"</p> <p><input checked="" type="checkbox"/> 2004</p> <p><input checked="" type="checkbox"/> 2005</p> <p>add date: e.g. 12.3.2000, 2003, 05.2001 ...</p> <p><input type="text"/></p> <p><input type="button" value="add"/></p> <p>Find results...</p> <p>single date or period ▾</p>

Users of the German Environmental Information Network can search content using semantically enhanced queries. Search strings are parsed to find and suggest to the user related topics. In addition to a broad range of topics, the content is matched against location and time dimensions of ontology.

Benefits: Improved relevancy of search results

Featured Products: Custom-built Topic Map engine

Applicable Products: Orange from Empolis, Siderean Seamark from Siderean Software, Topic Map Loom from Infloom