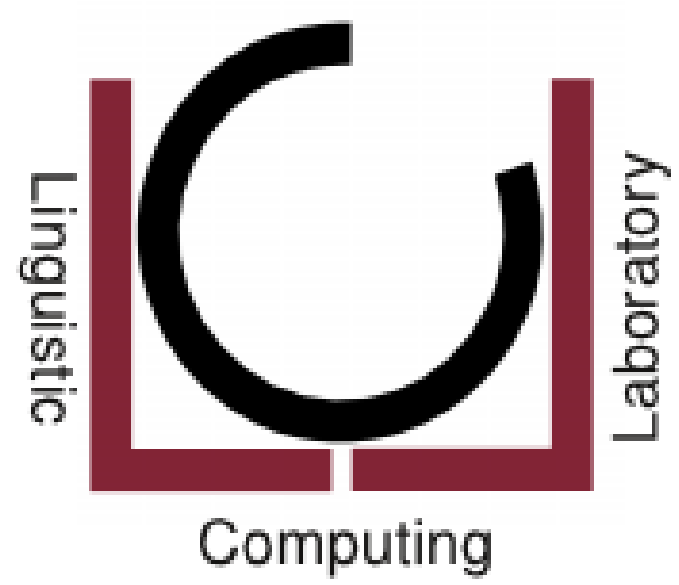


The Wikipedia Bitaxonomy Explorer

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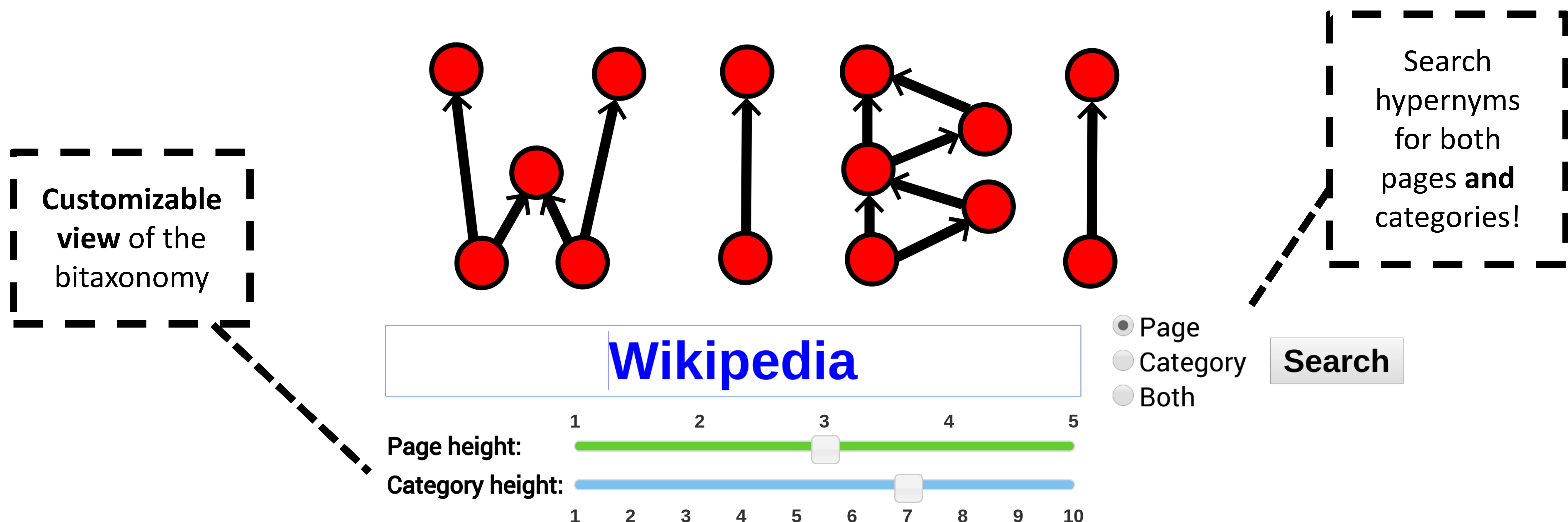


wibitaxonomy.org



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We present WiBi Explorer, a new Web application developed in our laboratory for **visualizing and exploring the bitaxonomy of Wikipedia** [1], that is, a taxonomy over Wikipedia articles aligned to a taxonomy over Wikipedia categories. The application also enables users to explore and **convert the taxonomic information into RDF format**.



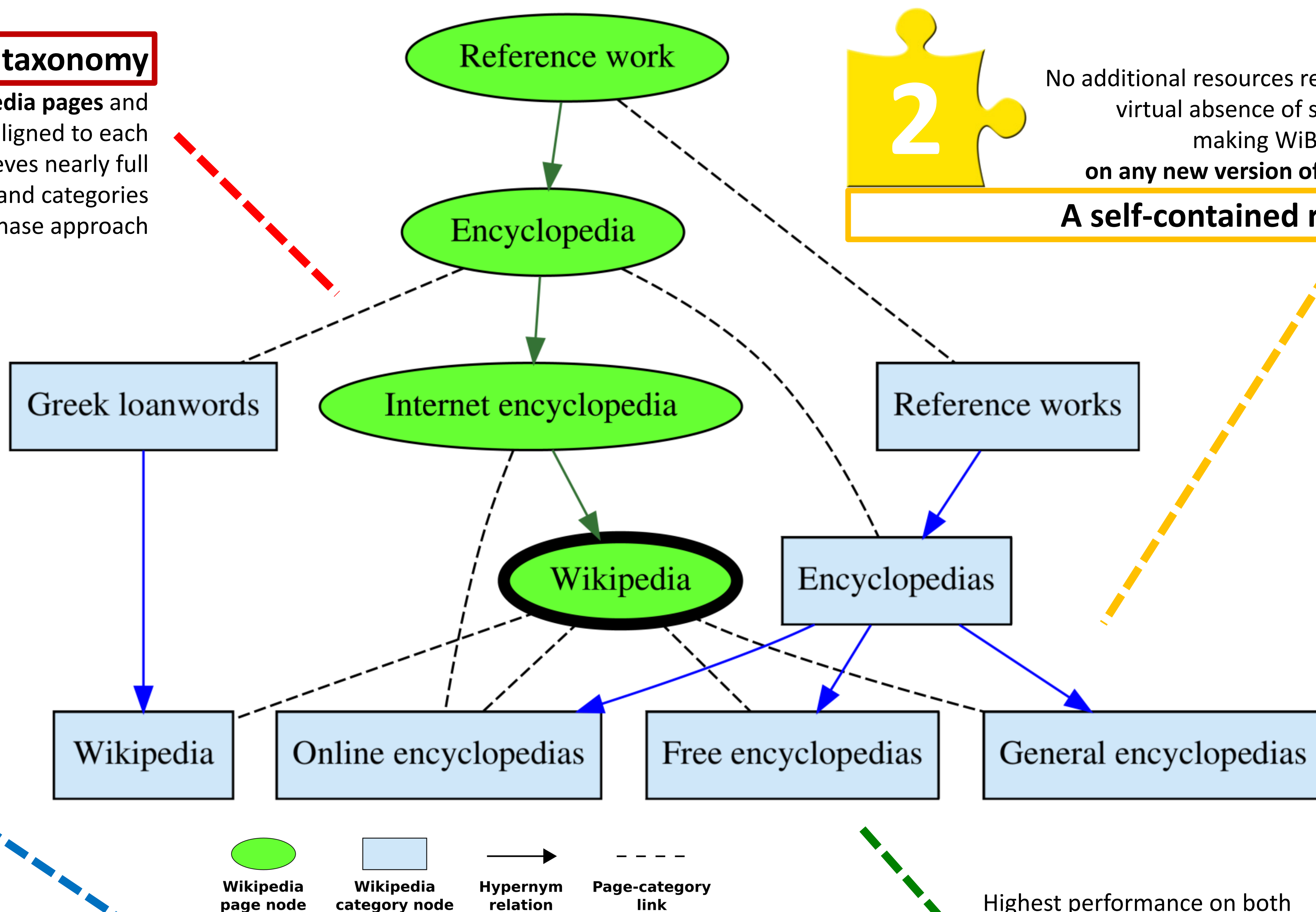
1 An integrated taxonomy

of about **3.5M Wikipedia pages** and **600K categories**, aligned to each other. WiBi achieves nearly full coverage of pages and categories via a unified, 3-phase approach



No additional resources required and virtual absence of supervision, making WiBi **replicable on any new version of Wikipedia**

A self-contained resource



4 RDF Export facility

Seamless conversion into standard RDF formats (turtle, rdf-xml, n-triple) thanks to the Jena backend



Highest performance on both pages and categories when compared to all available knowledge resources like DBpedia, YAGO, MENTA, WikiNet and WikiTaxonomy

State-of-the-art results



Download as RDF

[Export as Turtle](#)

[Export as RDF/XML](#)

[Export as N-Triple](#)



```

wibi:Wikipedia a skos:Concept ;
wibi-model:hasWikipediaCategory
  <http://wibitaxonomy.org/Category:Wikipedia> ,
  <http://wibitaxonomy.org/Category:Free_encyclopedias> ,
  <http://wibitaxonomy.org/Category:General_encyclopedias> ,
  <http://wibitaxonomy.org/Category:Online_encyclopedias> ;
skos:broader wibi:Internet_encyclopedia .
  
```

```

<http://wibitaxonomy.org/Category:General_encyclopedias>
wibi-model:hasWikipediaPage wibi:Wikipedia ;
skos:broader <http://wibitaxonomy.org/Category:Encyclopedias> .
  
```

```

<http://wibitaxonomy.org/Category:Greek_loanwords>
wibi-model:hasWikipediaPage wibi:Encyclopedia ;
skos:narrower <http://wibitaxonomy.org/Category:Wikipedia> .
  
```

References:

[1] Flati, T., Vannella, D., Pasini, T., Navigli, R.: **Two Is Bigger (and Better) Than One: the Wikipedia Bitaxonomy Project**. In: Proc. of ACL 2014. pp. 945–955. Baltimore, Maryland



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