Ontosoft

Chart

Description automatically generated

Logo, company name

Description automatically generated

What is Ontosoft ?

* It is a distributed semantic registry for scientific software.

How is Ontosoft structured?

* Information about software ( software meta data ) has been organized in 6 dimensions that matter to scientists:
  1. Identify software
     + What is the software called ? (Name of software )
     + What is its short description ? ( Abbreviation)
     + What are general **categories for the software**? ( CATEGORIES )
  2. Understand and asses software
     + Who created the software ?
     + Who is publisher of this software ?( optional )
     + What are **domain specific key words** for this software ? ( PURPOSE )
  3. Execute software
     + What is the URL for this software ? ( ACCESS -DOWNLOAD )
     + What license is the code released under ?
     + Is there any on-line documentation about the software ?
     + What language(s) is the software written in ?
     + What Operating Systems can the software run on ?
     + Is there any test data available for the software ?
  4. Get support for software
     + What is the e-mail contact for this software?
     + [OPTIONAL] What is the support offered for this software?
  5. Do research with software
     + What input files does the software require ?
     + What are the input parameters used for this software?
     + What output files does the software produce ?
     + What other software can interoperate with this one?
     + Is there a preferred ***publication or citation*** for this software ?
  6. Update software
     + [OPTIONAL] How is the software being developed or maintained ?
     + [OPTIONAL] Are there any on-line resources for accessing the developer community for this software ? (eg. discussion board, wiki, etc)
     + What versions does the software have ?