Conference Abstract

TaxonWorks 1.0?

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Abstract

TaxonWorks is an open-source workbench for biodiversity researchers. With several years of development behind it, we highlight its present status, and discuss if and when it makes sense to release a version 1.0, i.e. software completed to specific stage. TaxonWorks' scope is broad; it seeks to touch nearly all areas that might be of interest to taxonomists, i.e. those who integrate everything that is known about a taxon into a single resource. Its role as a software platform is placed in a broader context, where many instances of TaxonWorks each can support multiple research projects. Instances may be supported by individuals or organizations. A suite of technical tools including containerization and unit tests facilitate collaboration at many different levels. TaxonWorks is a research tool, mechanisms for analyzing the results of data curation including its application programing interface are described.

The long-term development of TaxonWorks is supported by an endowment to the Species File Group. Its source is available on Github.

Keywords

software, VRE, taxonomists, workbench, open-source

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Author contributions

All authors contributed over 250 commits to the code base of TaxonWorks.