



The Unified Astronomy Thesaurus @ DemoFest

The Unified Astronomy Thesaurus is an open, interoperable, and community-supported project, unifying existing astronomy and astrophysics vocabulary into a freely-available thesaurus.

Open: Suggestions for revisions come from the astronomy community. The thesaurus is released under a Creative Commons license, and its version history will be kept public.

Interoperable: The UAT is maintained in a standard and open source format for maximum use and sharing cross platforms. The UAT is also available in other standard formats as needed.

Community-supported: The UAT is supported by major stakeholders in the astronomical community (including journal publishers, professional societies, and libraries).

Learn more about the Unified Astronomy Thesaurus

<http://astrothesaurus.org/>

Upcoming publication submitted to the Astrophysical Journal Supplements

The Unified Astronomy Thesaurus: Semantic Metadata for Astronomy and Astrophysics

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Several different controlled vocabularies have been developed and used by the astronomical community, each designed to serve a specific need and a specific group. The Unified Astronomy Thesaurus (UAT) attempts to provide a highly structured controlled vocabulary that will be relevant and useful across the entire discipline, regardless of content or platform. As two major use cases for the UAT include classifying articles and data, we examine the UAT in comparison with the Astronomical Subject Keywords used by major publications and the JWST Science Keywords used by STScI's Astronomer's Proposal Tool.

Preprint available on arXiv: <https://arxiv.org/abs/1801.01021>