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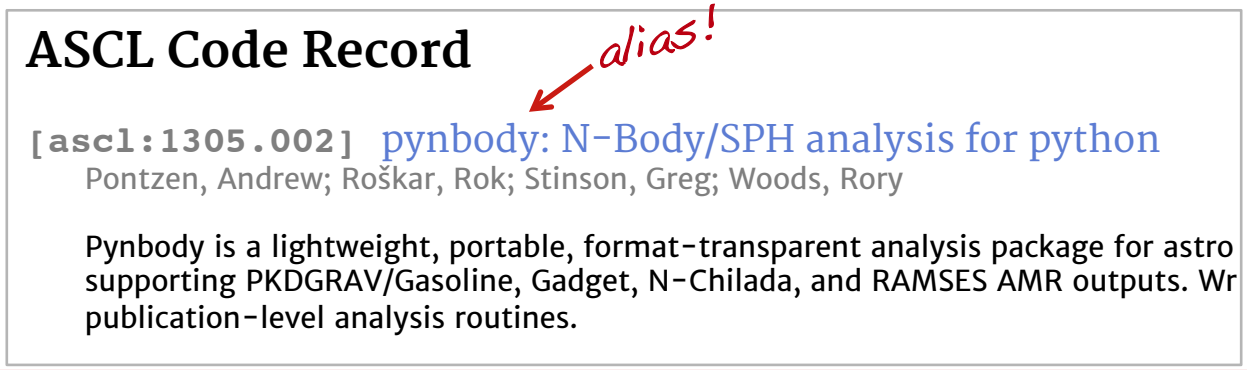
TIP!

Retrieve a code quickly with its alias

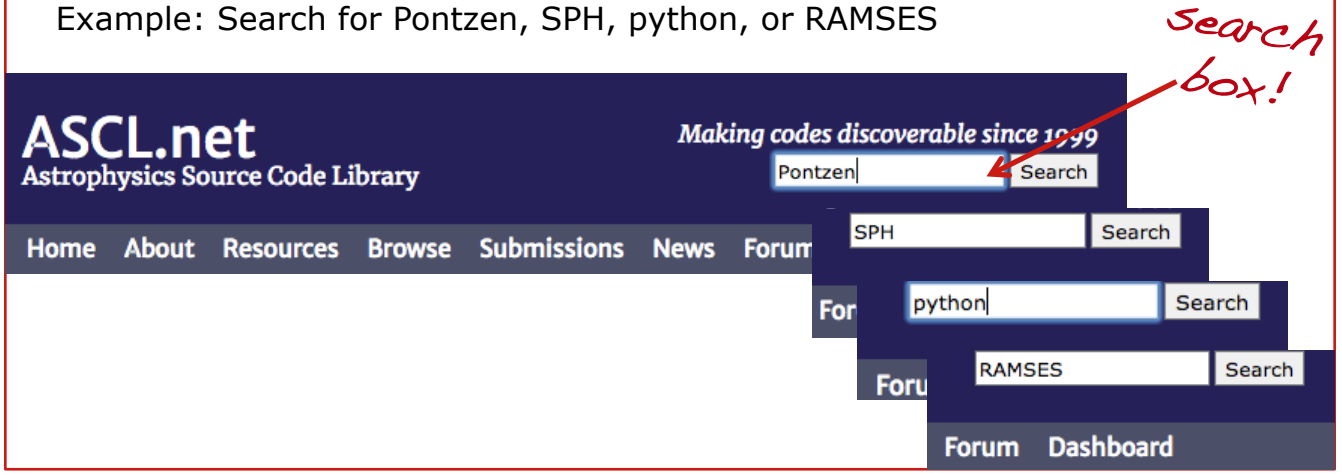
Retrieve a code entry with its alias! Example: https://ascl.net/pynbody
A code entry's alias (also called "short name") appears before the colon in the entry's title.



TIP!

Search for code author, technique, or code/code mention

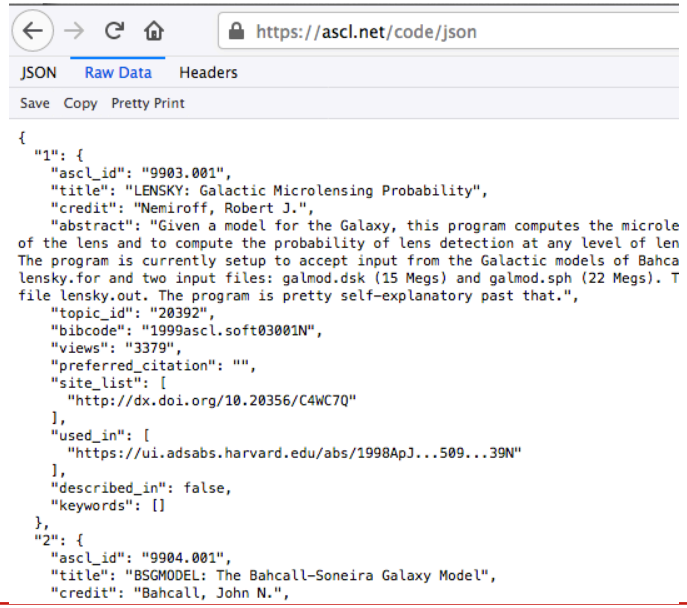
Do a full-text search using the Search box in the upper right corner!
Example: Search for Pontzen, SPH, python, or RAMSES



TIP!

Download our public data in JSON

ASCL's public data is available in JSON at https://ascl.net/code/json!



results of JSON retrieval formatted with Pretty Print

TIP!

Query our public data with our API

You can use the ASCL's new documented API to query the ASCL.
Example: Query the ASCL for all codes that do not have preferred citation information, and return the ASCL ID, name of the code, its bibcode, and the date and time the entry was last updated by clicking on this link:
https://ascl.net/api/search/?q=citation_method:%22%22&fl=ascl_id,title,bibcode,time_updated

See Siddha Mavuram's poster Come search the ASCL with our new API! for detailed information on the API.

TIP!

Find entries for software associated with NASA missions

Retrieve code entries funded or written by NASA for NASA missions!
Example: See all keywords at https://ascl.net/code/keywords
Example: See all Kepler-associated entries at https://ascl.net/code/keywords/Kepler

Attend Peter Teuben's presentation Tuesday at 1:20 PM on
211.09. Increasing the visibility of NASA astrophysics software through the ASCL for detailed information on this NASA ADAP project.

TIP!

Create a CITATION.cff file for your code to let people know how to cite it

Create a CITATION.cff file to add to your code repo from its ASCL entry by adding /CITATION.cff to the URL for an ASCL entry
Example: https://ascl.net/1305.002/CITATION.cff

This works for code entries with an ASCL ID. These files are intended to be a starting point; please edit the resulting file as needed.

```
cff-version: 1.1.0
message: "Please cite the following works when using this software:
https://ui.adsabs.harvard.edu/abs/2013ascl.soft05002P"
authors:
- family-names: Pontzen
  given-names: Andrew
- family-names: Roškar
  given-names: Rok
- family-names: Stinson
  given-names: Greg
- family-names: Woods
```

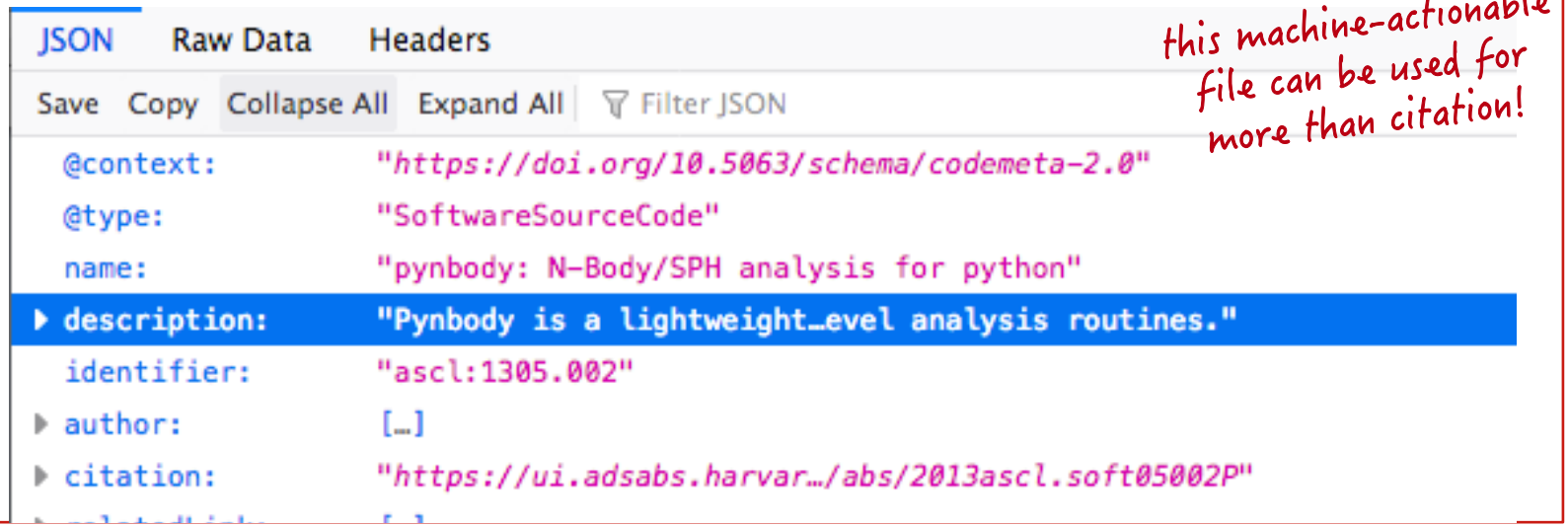
truncated example; click on link above to see entire file

TIP!

Create a codemeta.json file for your code to let people know how to cite it

Create a codemeta.json file to add to your code repo from its ASCL entry by adding /codemeta.json to the URL for an ASCL entry
Example: https://ascl.net/1305.002/codemeta.json

This works for code entries with an ASCL ID. These files are intended to be a starting point; please edit the resulting file as needed.



You might want to know...

... that the ASCL downloads and stores archive files of the codes it registers

When a code is added to the ASCL, we download the software to ensure it is source code. If the code site is an institutional or personal website, we also download some or all of the website, and also push it to the Internet Archive's Wayback Machine.

We do not serve the codes we download to the public unless we have explicit permission from the software author to do so.

You might want to know...

... that we perform regular maintenance on our entries

We check the health of our entries through a regular maintenance program to ensure the integrity of our records. We run two different link checkers on our site links several times every week and follow up on those that consistently fail over a period of time. You can see the results of our link checking at the top of our dashboard.

We also look at every entry at least once every three years; this year, for example, we are looking at entries that haven't been updated since 2018 and will update them as needed. This is in addition to maintenance that is triggered by, for example, correspondence with a code author, link checking, and other activities.

You might want to know…

… that the ASCL is registered with re3data.org, FAIRsharing.org, and Identifiers.org

FAIRsharing.org lists the ASCL as a recommended database and source of information. The ASCL ID is recognized and can be resolved by Identifers.org, and re3data.org provides information about the ASCL to researchers around the world. The ASCL works with other science and research organizations on issues around and related to software, data, research transparency and reproducibility, and credit and citation for software.

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SAO/NASA Astrophysics Data System

arXiv.org

Internet Archive