
bioversions Documentation

Release latest

Aug 29, 2023

CONTENTS

— layout: home — <p align="center">

</p>

This site and accompanying package are a resource for informing you what the latest version of each biological database is. Last updated on {{ site.data.versions.annotations.date }} (revision {{ site.data.versions.annotations.revision }}) by {{ site.data.versions.annotations.author }}.

This site also includes [Bioschemas](https://bioschemas.org/) annotations, which aims to improve the findability of life sciences resources such as datasets, software, and training materials. These annotations can either appear on the original site, or on a website (like this one) that indexes it or provides additional information. The further information here, for example, is the link to the BioRegistry. The JSON-LD annotation will make it easier for other tools to recognize the content of the table. This includes the [Google Dataset finder](https://datasetsearch.research.google.com/), besides Bioschemas itself.

Legend: means the resource reports the date of each release, means the date of release was inferred based on the date when the latest version was retrieved, means the date was inferred by the version string.

<table id="versions-table"> <thead> <tr>

<th>Prefix</th> <th>Name</th> <th>Version</th> <th>Date</th> <th></th>

</tr> </thead> <tbody> {% for entry in site.data.versions.database %}

{% assign latest = entry.releases | last %} <tr>

<td> {% if entry.prefix %}

<script type="application/ld+json"> {

"@context": "https://schema.org", "@type": "Dataset", "@id": "https://bioregistry.io/{{ entry.prefix }}", "name": "{{ entry.name }}", "version": "{{ latest.version }}"

} </script> code>{{ entry.prefix }}</code>

{% elsif entry.key %}

{% comment %}

todo: add Bioschemas for non-prefixed resources. will be easier after https://github.com/biopragmatics/bioversions/issues/13

{% endcomment %} {{ entry.key }}

{% endif %} </td> <td>{{ entry.name }}</td> <td>

{% if latest.homepage %}{{ latest.version }}{% else %}{{ latest.version }}{% endif %}

</td> {% if latest.date %}<td>{{ latest.date }}</td><td></td> {% elsif entry.vtype == "date"

%}<td></td><td></td> {% else %}<td>{{ latest.retrieved }}</td><td></td> {% endif %}

</tr>

{% endfor %} </tbody> </table>

<script> \$(document).ready(function () {

\$("#versions-table").DataTable();

```
}); </script>
```

Adding More Databases

More databases can be added by sending a pull request to [biopragnatics/bioversions](<https://github.com/biopragnatics/bioversions>) by following the [contribution guidelines](<https://github.com/biopragnatics/bioversions#-contributing>).

Databases are added by the following priority (high to low):

1. By request or contribution
2. Databases useful for the [PyOBO](<https://github.com/pyobo/pyobo>) project, aiming to convert all biomedical controlled vocabularies into OBO for general reuse
3. Databases useful for the [Bio2BEL](<https://github.com/bio2bel/bio2bel>) project, aiming to convert all biological databases into the [Biological Expression Language](<https://biological-expression-language.github.io/>) for general reuse and Bio2BEL projects
4. Databases appearing in the Bioregistry, OLS, OBO Foundry, or MIRIAM
5. Databases tweeted by the International Society of Biocuration ([@biocurator](<https://twitter.com/biocurator>))
6. Databases I've seen during project work
7. Serendipity!

Database Updates

The database is automatically updated daily thanks to scheduled workflows in GitHub Actions. The workflow's configuration can be found [here](<https://github.com/biopragnatics/bioversions/blob/main/.github/workflows/update.yml>) and the last run can be seen [here](<https://github.com/biopragnatics/bioversions/actions?query=workflow%3A%22Update+Database%22>). Further, a [changelog](<https://github.com/biopragnatics/bioversions/commits?author=actions-user>) can be recapitulated from the commits of the GitHub Actions bot.