

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## Hierarchical Data Modeling Framework

RRID:SCR\_021303

Type: Tool

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### Proper Citation

Hierarchical Data Modeling Framework (RRID:SCR\_021303)

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### Resource Information

**URL:** <https://hdmf.readthedocs.io/>

**Proper Citation:** Hierarchical Data Modeling Framework (RRID:SCR\_021303)

**Description:** Open source software Python package for working with hierarchical data. Provides APIs for specifying data models, reading and writing data to different storage backends, and representing data with Python object. Used for working with standardizing, reading, and writing hierarchical object data.

**Abbreviations:** HDMF

**Resource Type:** software toolkit, software resource, software application, data processing software

**Defining Citation:** [DOI:10.1109/BigData47090.2019.9005648](https://doi.org/10.1109/BigData47090.2019.9005648)

**Keywords:** Hierarchical data, data models, reading data, writing data, unified data format, different storage backends, Python object, data, data standards

**Availability:** Free, Available for download, Freely available

**Resource Name:** Hierarchical Data Modeling Framework

**Resource ID:** SCR\_021303

**License:** hdmf Copyright

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260804T043735+0000

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### Ratings and Alerts

No rating or validation information has been found for Hierarchical Data Modeling Framework.

No alerts have been found for Hierarchical Data Modeling Framework.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Pierr?? A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(38).