

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

RightField

RRID:SCR_002649

Type: Tool

Proper Citation

RightField (RRID:SCR_002649)

Resource Information

URL: <http://www.rightfield.org.uk/>

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Description: An open-source tool for adding ontology term selection to Excel spreadsheets. It is used by a "Template Creator" to create semantically aware Excel spreadsheet templates. The Excel templates are then reused by Scientists to collect and annotate their data; without any need to understand, or even be aware of, RightField or the ontologies used. For each annotation field, RightField can specify a range of allowed terms from a chosen ontology (subclasses, individuals or combinations). The resulting spreadsheet presents these terms to the users as a simple drop-down list. This reduces the adoption barrier for using community ontologies as the annotation is made by the scientist that generated the data rather than a third party, and the annotation is collected at the time of data collection. RightField is a standalone Java application which uses Apache-POI for interacting with Microsoft documents. It enables users to import Excel spreadsheets, or generate new ones from scratch. Ontologies can either be imported from their local file systems, or from the BioPortal ontology repository. Individual cells, or whole columns or rows can be marked with the required ranges of ontology terms and an individual spreadsheet can be annotated with terms from multiple ontologies.

Abbreviations: RightField

Resource Type: software application, software resource

Defining Citation: [PMID:21622664](#)

Keywords: annotation, semantic, ontology, term selection, excel, java, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: RightField

Resource ID: SCR_002649

Alternate IDs: biotools:rightfield, nlx_156077

Alternate URLs: <https://bio.tools/rightfield>

License: BSD License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260905T133228+0000

Ratings and Alerts

No rating or validation information has been found for RightField.

No alerts have been found for RightField.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sharma DK, et al. (2018) The D2Refine Platform for the Standardization of Clinical Research Study Data Dictionaries: Usability Study. JMIR human factors, 5(3), e10205.

Wolstencroft K, et al. (2017) FAIRDOMHub: a repository and collaboration environment for sharing systems biology research. Nucleic acids research, 45(D1), D404.

Strasser C, et al. (2014) DataUp: A tool to help researchers describe and share tabular data. F1000Research, 3, 6.