

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

QUDT

RRID:SCR_010416

Type: Tool

Proper Citation

QUDT (RRID:SCR_010416)

Resource Information

URL: <http://purl.bioontology.org/ontology/QUDT>

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Description: Collection of ontologies that define the base classes properties, and restrictions used for modeling physical quantities, units of measure, and their dimensions in various measurement systems. The goal of the QUDT ontology is to provide a unified model of, measurable quantities, units for measuring different kinds of quantities, the numerical values of quantities in different units of measure and the data structures and data types used to store and manipulate these objects in software. This OWL schema is a foundation for a basic treatment of units.

Abbreviations: QUDT

Synonyms: Quantities Units Dimensions and Types Ontology, QUDT - Quantities Units Dimensions and Data Types Ontologies

Resource Type: data or information resource, controlled vocabulary, ontology

Keywords: owl

Resource Name: QUDT

Resource ID: SCR_010416

Alternate IDs: nlx_157564

Record Creation Time: 20220129T080258+0000

Record Last Update: 20260810T040521+0000

Ratings and Alerts

No rating or validation information has been found for QUDT.

No alerts have been found for QUDT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Tandon D, et al. (2026) METRIN-KG: A knowledge graph integrating plant metabolites, traits, and biotic interactions. GigaScience, 15.

Porter JH, et al. (2025) Using a units ontology to annotate pre-existing metadata. Scientific data, 12(1), 304.