







The status of a paper in SIMBAD

The processing of a paper at CDS for its ingestion in SIMBAD involves several teams where documentalists, astronomers and engineers work together. The process, which is not a fully automated one, has several steps, simplified below, involving four different teams of documentalists. Depending on the complexity, quality and quantity of data, the process of a paper can take several months.

For each step of the process, the following different status can be assigned :

Step / Team	Status	Meaning
1 / DJIN¹ 	Objects in title, abstract, text, figures, and all or part of small table(s) being processed in SIMBAD.	The paper is being processed in order to identify all the astronomical objects studied in the paper along with their data, with the exception of the objects or data requiring further intervention from the VizieR or COSIM teams.
2 / VizieR 	Large table(s) of objects will be appraised for possible ingestion in VizieR.	Large tables have been tagged in the previous step to be reviewed and ingested in VizieR
	Large table(s) of objects being ingested in VizieR.	Large tables with astronomical objects (potentially for SIMBAD) are being processed by VizieR.
	Associated data (images, light curves, etc...) being ingested in VizieR.	Large tables without additional data for SIMBAD are being processed only in VizieR.
3 / COSIM² 	Tables of objects will be appraised for possible ingestion in SIMBAD.	VizieR tables will be reviewed to prioritize their processing in SIMBAD
	All or part of tables of objects will be ingested in SIMBAD with priority 1.	Tables will be processed with the highest priority.
	All or part of tables of objects could be ingested in SIMBAD with priority 2.	Tables could be processed, but with a lower priority.
	All or part of tables of objects could be ingested in SIMBAD; there are some issues with cross-identifications or classifications.	Large catalogs requiring specific and complex processes can be partially ingested in SIMBAD.
	All or part of tables of objects will not be ingested in SIMBAD.	Tables will not be integrated into SIMBAD; some of the astronomical objects in these tables may be processed when they are cited later on.
	Tables of objects mostly ingested in SIMBAD, but some problems could not be solved.	Some objects have not been identified and will not be ingested in SIMBAD (e.g. ambiguous identification in crowded areas).
1-3 / Dictionary 	Examining the need for a new acronym.	The astronomical objects studied in the paper may require the creation of a new designation. Transverse action.
	Acronym for new objects described in the dictionary of nomenclature and being created in SIMBAD.	An acronym is being created. Transverse action.
		No status means the reference has been entirely processed; except for the very large catalogs which do not have any status and can be partially ingested.

See also the image below

1 DJIN: **D**etection in **J**ournals of **I**dentifiers and **N**ames ([2010ASPC..433..317L](https://arxiv.org/abs/2010ASPC..433..317L))

2COSIM: **C**omparison of **O**bjects for **S**IMBAD ([2018EPJWC.18602004B](https://arxiv.org/abs/2018EPJWC.18602004B))

HOW WE PROCESS YOUR ARTICLE AT

CENTRE DE DONNÉES
ASTRONOMIQUES DE STRASBOURG

Everything begins with astronomer's data and the publishers..

