

GAPS Time Series resource and service implementation

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The publicly available Time Series from GAPS exoplanets observations have been proposed as a use case to provide requirements to the IVOA in the effort of standardizing modelling, discovery and access to time series datasets.

The interoperability effort has continued and following the current modelling draft and scenario a prototype TAP service has been built at the Italian center for Astronomical Archives to deploy the GAPS Time Series datasets. The service embeds the time series modelling solution for time axis representation and, in addition, provides a view for the recently started activity of homogeneizing the representation and discovery of exoplanetary datasets. This contribution reports current resource and service status and foreseen developments, that will focus on two main points: VO compliant serialization of the output and modelling of the exoplanetary metadata and attributes of the datasets themselves.

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