

VO community standards: global to local efforts to enable FAIR data and services

The International Virtual Observatory Alliance (IVOA) is a community effort to build standards meant to let astronomical datasets and other resources work as a seamless whole, i.e. interoperating at the technical and semantic level, and enabling FAIR principle adherence. To make this vision possible, national projects contribute to the IVOA and VObs.it is the Italian effort in this respect.

This contribution will provide a brief overview of the IVOA and VObs.it, and then report on the various links the Italian astrophysical VO community has started to lay down at national level (with sibling communities) and at the European and EOSC levels.

Finally, an overview of the IVOA standards will also be provided.

Primary author: MOLINARO, Marco (Istituto Nazionale di Astrofisica (INAF))

Co-authors: BERTOCCO, Sara (Istituto Nazionale di Astrofisica (INAF)); GALLUZZI, Vincenzo (Istituto Nazionale di Astrofisica (INAF)); TAFFONI, Giuliano (Istituto Nazionale di Astrofisica (INAF)); VICINANZA, Martina (Istituto Nazionale di Astrofisica (INAF)); ZANICHELLI, Alessandra (Istituto Nazionale di Astrofisica (INAF))

Presenter: MOLINARO, Marco (Istituto Nazionale di Astrofisica (INAF))

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