ASCL Code Record

[ascl:1709.004] DOOp: DAOSPEC Output Optimizer pipeline

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The DAOSPEC Output Optimizer pipeline (DOOp) runs efficient and convenient equivalent widths measurements in batches of hundreds of spectra. It uses a series of BASH scripts to work as a wrapper for the FORTRAN code DAOSPEC (ascl:1011.002) and uses IRAF (ascl:9911.002) to automatically fix some of the parameters that are usually set by hand when using DAOSPEC. This allows batch-processing of quantities of spectra that would be impossible to deal with by hand. DOOp was originally built for the large quantity of UVES and GIRAFFE spectra produced by the Gaia-ESO Survey, but just like DAOSPEC, it can be used on any high resolution and high signal-to-noise ratio spectrum binned on a linear wavelength scale.

Code site: https://web.oapd.inaf.it/GaiaESO/DOOp.html
Used in: https://ui.adsabs.harvard.edu/#abs/2015A%26A...583A..69B
Described in: https://ui.adsabs.harvard.edu/#abs/2014A&A...562A..10C

Bibcode: 2017ascl.soft09004C

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