



Abstract ID : 1

## TFCat – Time-Frequency Catalogue

### Content

TFCat (Time-Frequency Catalogue) is an information model and a transport format designed for features varying in the temporal and spectral domains. It allows to describe spectro-temporal feature geometries, as points, sets of points, lines, sets of lines, polygons or sets of polygons. The catalogue and as well as each geometrical feature is associated with properties. TFCat has been drafted for low frequency radio emission (within the frame of the MASER project), for which the spectro-temporal shape of the emission is key for scientific interpretation (e.g., for solar radio bursts, planetary auroral radio emissions). We present how we reuse IVOA building blocks, and where we need to use external elements. The proposed implementation is adapted from GeoJSON, a geo-spatial feature catalogue format.

### Preferred talk time

day time in Europe

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