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Italiadomani PIANO NAZIONALE DI RIPRESA E RESILIENZA
ICSC Centro Nazionale di Ricerca in HPC, Big Data and Quantum Computing

Metadata round table

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Spoke 3 General Meeting, Elba 5-9 / 05, 2024

Metadata

Data sources have to provide the list of metadata to be labelled, imported, filtered, queried and viewed as result.

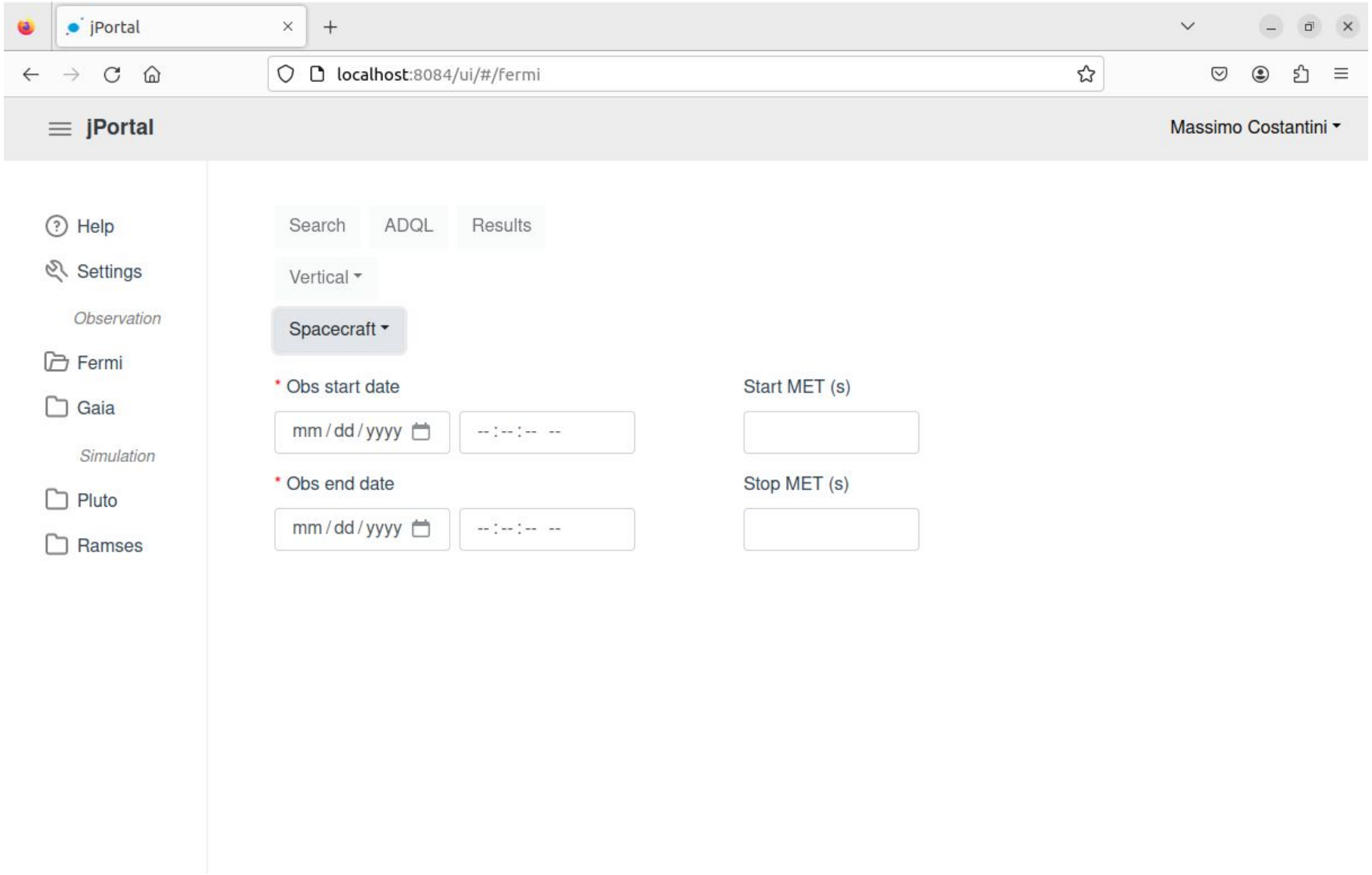
	A	B	C	D	E	F
1	NAME	LABEL	TO BE IMPORTED	TO BE FILTERED	TO BE QUERIED	IN RESULTS VIEW (DEFAULT)
2	NAXIS_HDU0		Y	N	N	N
3	EXTEND		Y	N	N	N
4	CHECKSUM_HDU0		Y	N	N	N
5	DATASUM_HDU0		Y	N	N	N
6	TELESCOP		Y	N	Y	Y
7	INSTRUME		Y	N	Y	Y
8	EQUINOX		Y	N	Y	Y
9	RADECSYS		Y	N	N	N
10	DATE		Y	N	Y	Y
11	DATE_OBS	Observation start date	Y	Y	Y	Y
12	DATE_END	Observation end date	Y	Y	Y	Y
13	TSTART	Start MET (s)	Y	Y	Y	Y
14	TSTOP	End MET (s)	Y	Y	Y	Y
15	TIMESYS		Y	N	N	N
16	TIMEUNIT		Y	N	N	N
17	GPS_OUT		Y	N	N	N
18	MJDREFI		Y	N	N	N
19	MJDREFF		Y	N	N	N
20	OBSERVER		Y	N	Y	Y
21	FILENAME		Y	N	Y	Y
22	ORIGIN		Y	N	N	N
23	CREATOR		Y	N	N	N

Photons | Spacecraft

Fermi

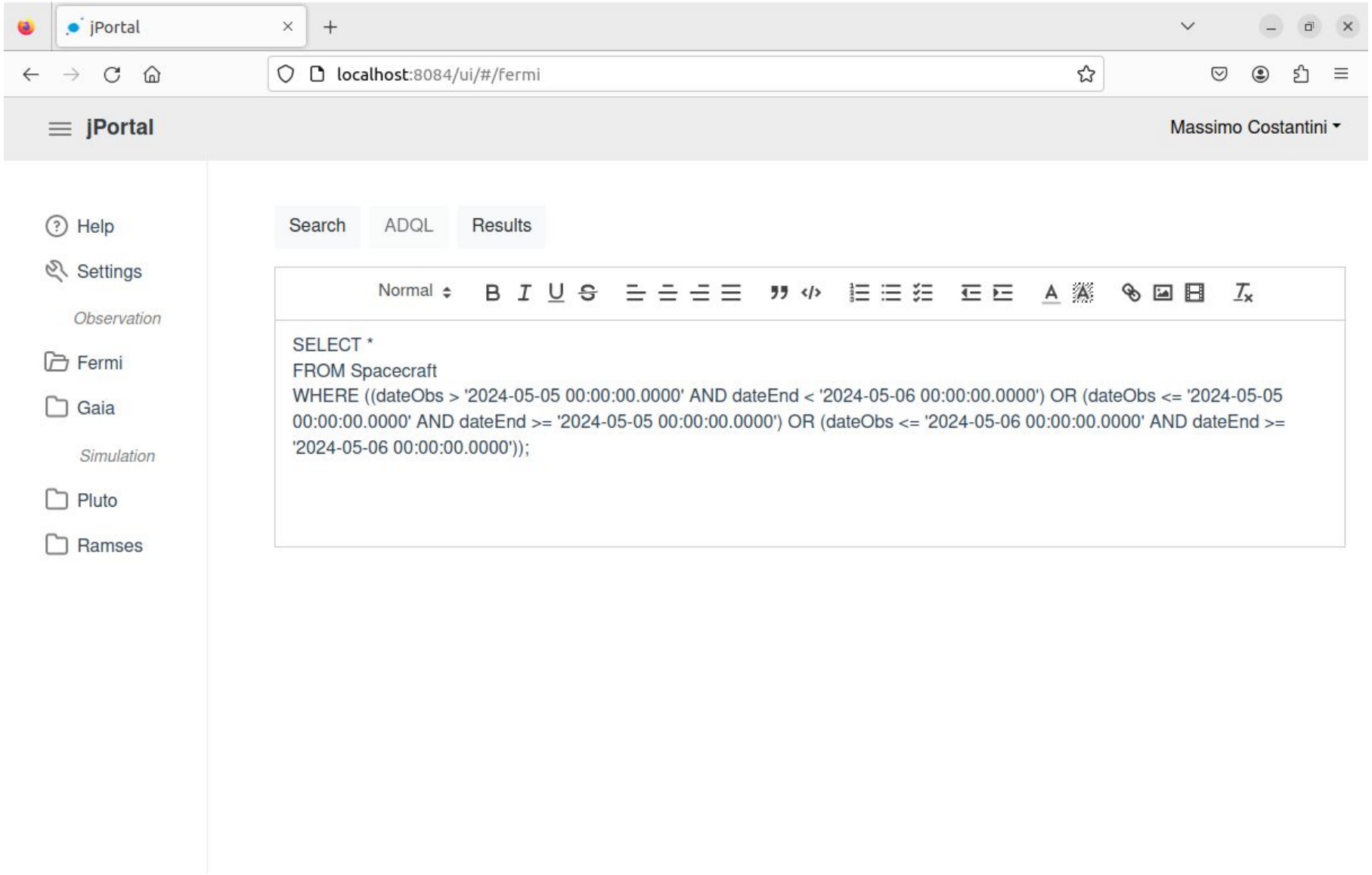
Example of mandatory fields component.

Both fields have to be filled in to enable the search button.



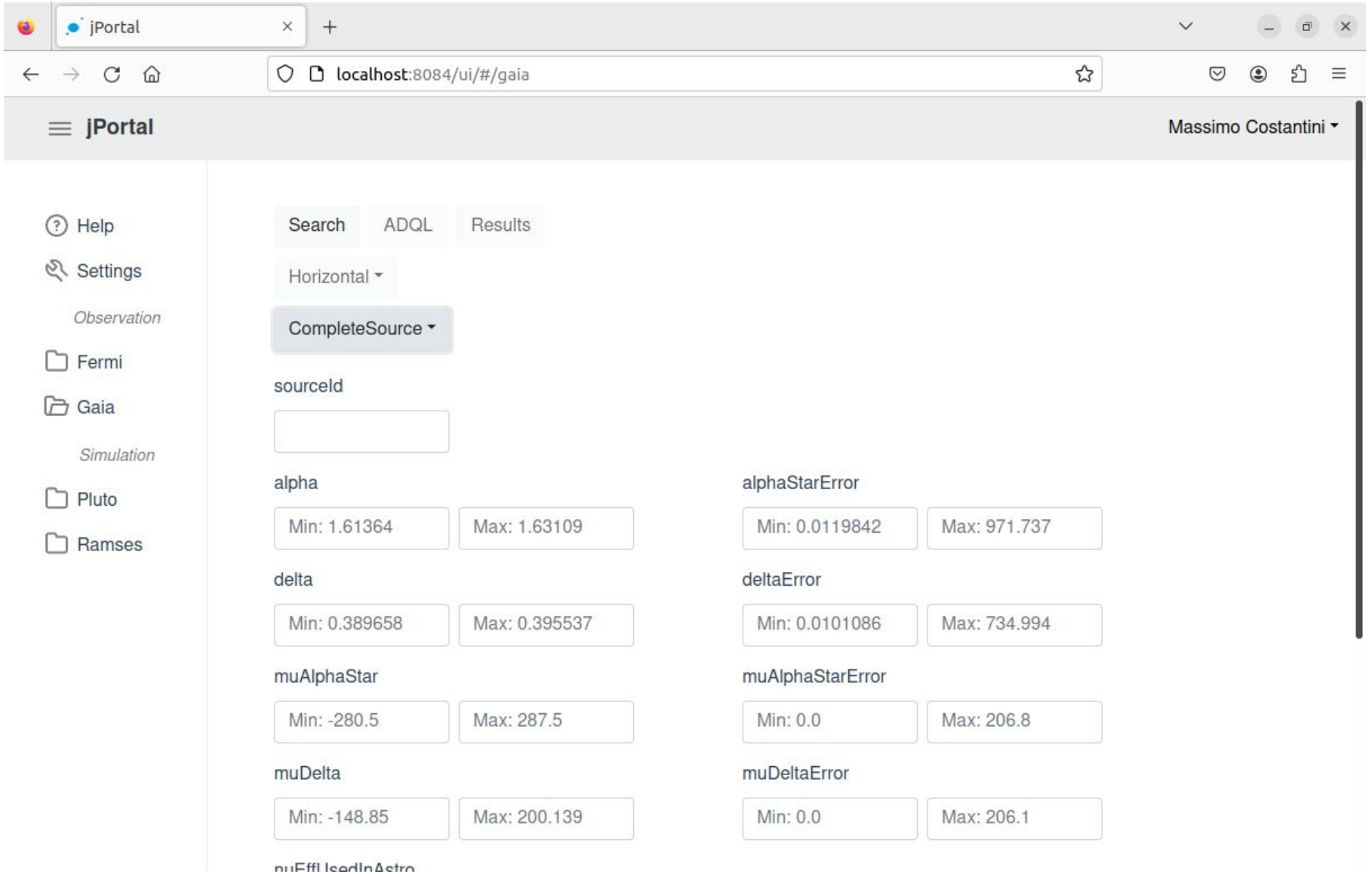
ADQL

Editor to modify and resubmit the query.



Gaia

Due to the huge amount of data and the number of columns, performance could be a problem.



Thanks for your attention!