SkyNodes
&
Open SkyQuery

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Welcome to the Open SkyQuery Interactive query builder. You should see a parsed, clickable version of your entered query in the pane directly above this one.

If instead you see 'Query is empty', this means that builder needs a node or two to get started. You can add nodes to the builder by clicking the desired node's + icon in the left panel.

Once you have some sql in the above panel, you can then click on a token in that query to pull up a menu with options appropriate for that specific token. For example, one way to select an additional column from a mythical `mytable` is to click on `mytable` and then choose 'Add Selection', then pick the desired column from the given choices.

You can switch between 'edit' and 'build' modes at any time by using the tabs at the top of the query panel. Your changes from one will carry over to the other. Most menu options have additional mouse-over info.
Architecture

Users
May use services at any level

VO
Open SkyQuery Portal
Uses VO Registry to discover SkyNodes

VO Registry Queryable

Providers

SkyNode
ExecPlan

SkyNode
SkyNode

SkyNode
SkyNode

SkyNode
SkyNode
Execution

Portal

```
SELECT o.objid, o.ra, o.dec, tra, tdec, lobjid, ltype
FROM SDSSDR3,PhotoPrimary o, TWOMASS,PhotoPrimary t, USNOB,photoprimary a
WHERE XMATCH(o, t, a) < 3.5 AND Region('CIRCLE J2000 182.5 - 0.89 8')
```

1. How many?
2. Counts
3. ExecPlan
4. XMATCH result

SDSSDR3

USNOB

TWOMASS
Open SkyQuery.net - demo