Galaxy Search API

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Search API

@api/search

- Only visible in the API
  - no GUI element yet
  - not in blend

POST /api/search
query="..."
Galaxy Query Language

SQL 'like'

An abstract interface to the Galaxy internal database

Simple selections across several 'Views':

- library
- library_folder
- library_dataset_dataset, ldda
- library_dataset, lda
- history_dataset, hda
- history
- workflow
- tool
- job
- page
- page_revision
Example Queries

select name, id, file_size from hda

select id, name from history where name='Unnamed history'

select * from ldda where deleted=False and extended_metadata.'my_file_flag'='Green'
Job Queries

POST /api/jobs/search
Send a partially filled job request

- tool_id
- inputs (params and datasets)
- state (running, queued, ok, ...)

Get back a list of matching jobs