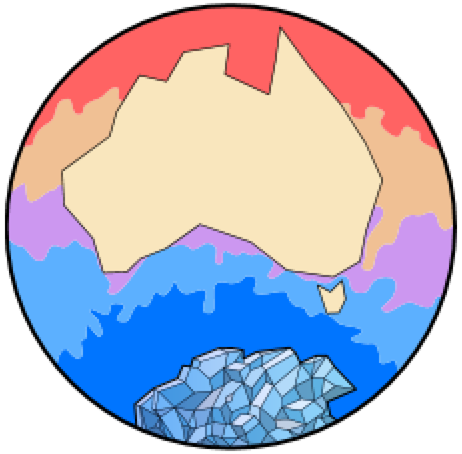

ACCESS-NRI Intake Catalog

Searching and accessing climate model datasets

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Pre-work: Start ARE

Set-up like a normal session for COSIMA Recipes:

Projects:

gdata/xp65+gdata/hh5+gdata/ik11+gdata/cj50+gdata/$PROJECT (+gdata/oi10+gdata/ol01+gdata/fs38+gdata/p73)

Module directories

```
/g/data/hh5/public/modules
```

Modules

```
conda/analysis3
```

Compute Size of `large` or greater.

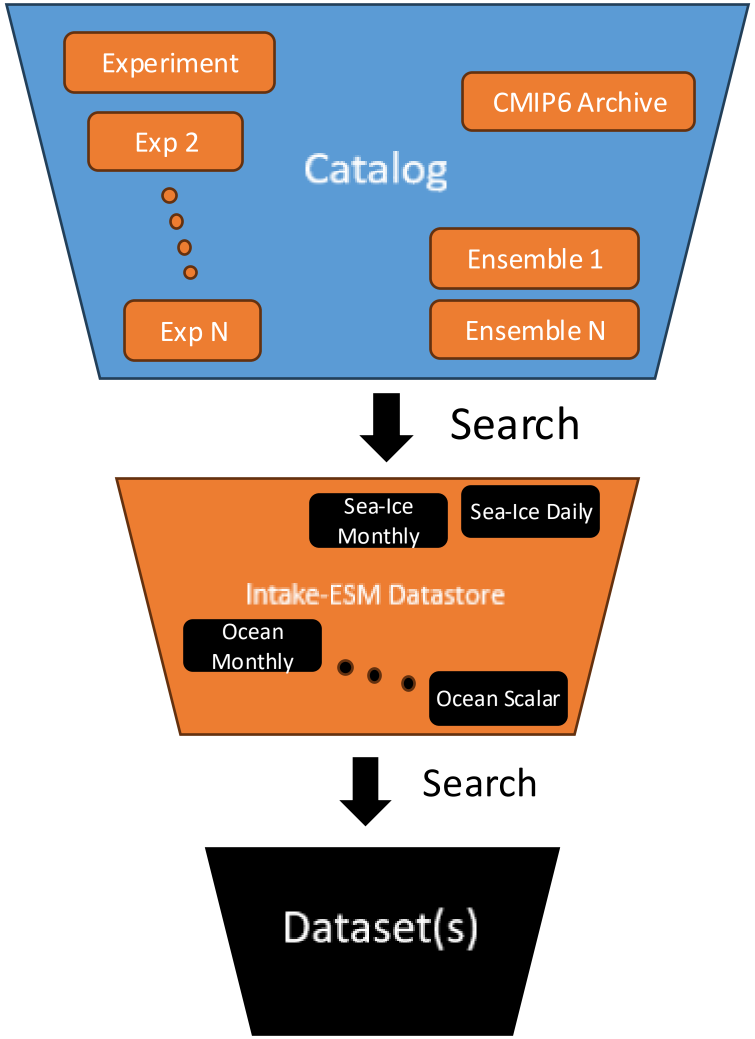
ACCESS-NRI Intake Catalog

A catalog provides functionality for searching, discovering and loading data.

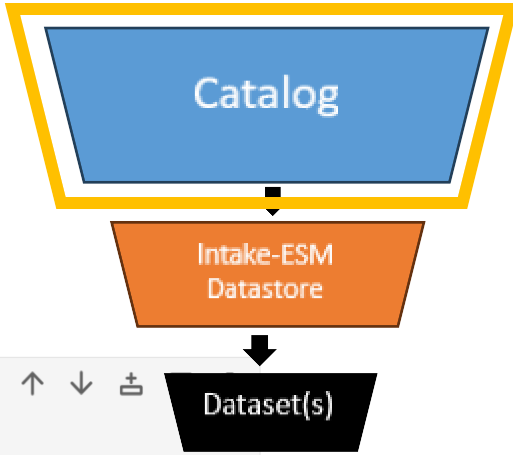
Data can be searched by many attributes, including:

- Experiment name
- Model
- Realm / Model Component
- Data Frequency
- Variable Name
- Variable Standard & Long Names

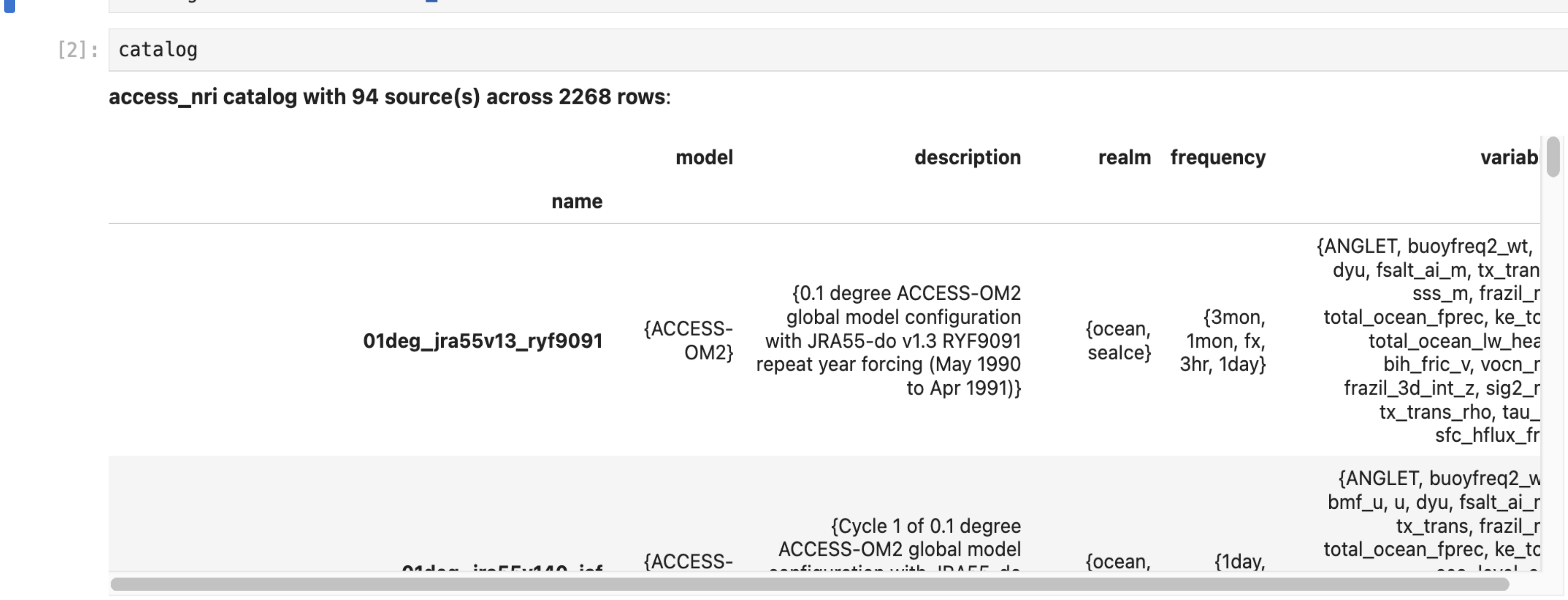
The ACCESS-NRI Intake Catalog is built upon Intake-ESM, and only shows data stored at the NCI.



ACCESS-NRI Intake Catalog



```
[1]: import intake

     catalog = intake.cat.access_nri
```

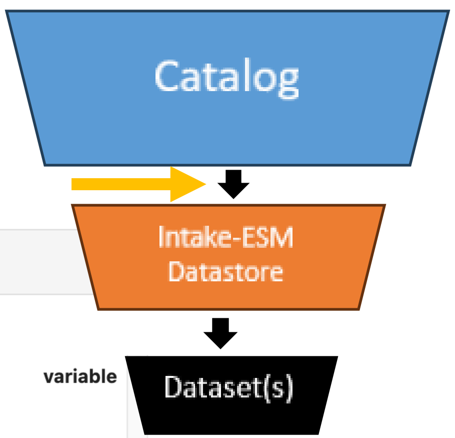


```
[2]: catalog
```

access_nri catalog with 94 source(s) across 2268 rows:

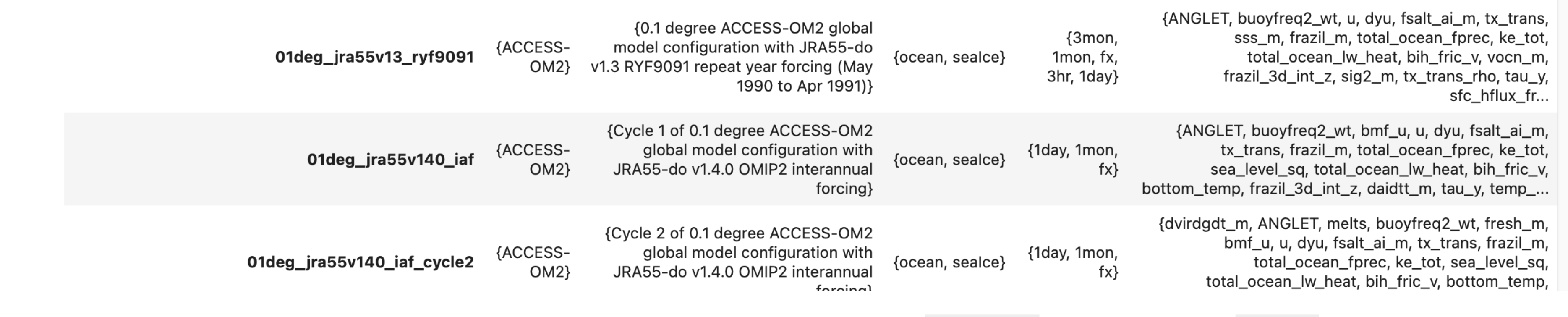
	model	description	realm	frequency	variab
name					
01deg_jra55v13_ryf9091	{ACCESS-OM2}	{0.1 degree ACCESS-OM2 global model configuration with JRA55-do v1.3 RYF9091 repeat year forcing (May 1990 to Apr 1991)}	{ocean, sealce}	{3mon, 1mon, fx, 3hr, 1day}	{ANGLET, buoyfreq2_wt, dyu, fsalt_ai_m, tx_tran sss_m, frazil_r total_ocean_fprec, ke_tc total_ocean_lw_hea bih_fric_v, vocn_r frazil_3d_int_z, sig2_r tx_trans_rho, tau_ sfc_hflux_fr
01deg_jra55v140_iaf	{ACCESS-	{Cycle 1 of 0.1 degree ACCESS-OM2 global model configuration with JRA55-do	{ocean,	{1day,	{ANGLET, buoyfreq2_w bmf_u, u, dyu, fsalt_ai_r tx_trans, frazil_r total_ocean_fprec, ke_tc

Experiment filtering and data discovery

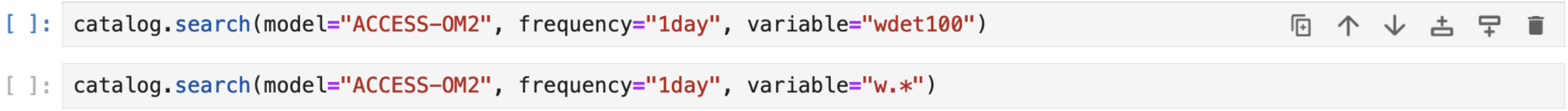


```
In [3]: catalog_filtered_example = catalog.search(model="ACCESS-OM2")
        catalog_filtered_example
```

Intake dataframe catalog with 76 source(s) across 334 rows:

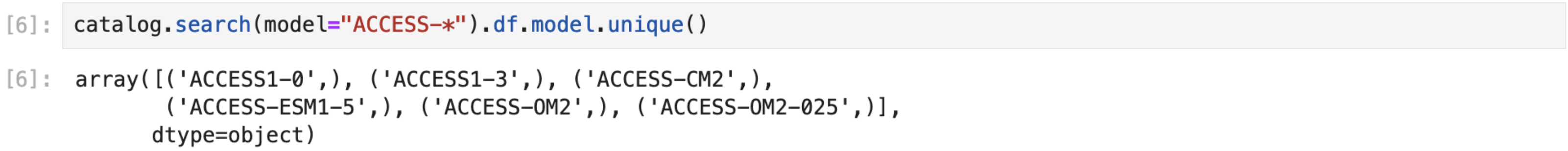


name	model	description	realm	frequency	variable
01deg_jra55v13_ryf9091	{ACCESS-OM2}	{0.1 degree ACCESS-OM2 global model configuration with JRA55-do v1.3 RYF9091 repeat year forcing (May 1990 to Apr 1991)}	{ocean, sealce}	{3mon, 1mon, fx, 3hr, 1day}	{ANGLET, buoyfreq2_wt, u, dyu, fsalt_ai_m, tx_trans, sss_m, frazil_m, total_ocean_fprec, ke_tot, total_ocean_lw_heat, bih_fric_v, vocn_m, frazil_3d_int_z, sig2_m, tx_trans_rho, tau_y, sfc_hflux_fr...
01deg_jra55v140_iaf	{ACCESS-OM2}	{Cycle 1 of 0.1 degree ACCESS-OM2 global model configuration with JRA55-do v1.4.0 OMIP2 interannual forcing}	{ocean, sealce}	{1day, 1mon, fx}	{ANGLET, buoyfreq2_wt, bmf_u, u, dyu, fsalt_ai_m, tx_trans, frazil_m, total_ocean_fprec, ke_tot, sea_level_sq, total_ocean_lw_heat, bih_fric_v, bottom_temp, frazil_3d_int_z, daidtt_m, tau_y, temp_...
01deg_jra55v140_iaf_cycle2	{ACCESS-OM2}	{Cycle 2 of 0.1 degree ACCESS-OM2 global model configuration with JRA55-do v1.4.0 OMIP2 interannual forcing}	{ocean, sealce}	{1day, 1mon, fx}	{dvirdgdt_m, ANGLET, melts, buoyfreq2_wt, fresh_m, bmf_u, u, dyu, fsalt_ai_m, tx_trans, frazil_m, total_ocean_fprec, ke_tot, sea_level_sq, total_ocean_lw_heat, bih_fric_v, bottom_temp,



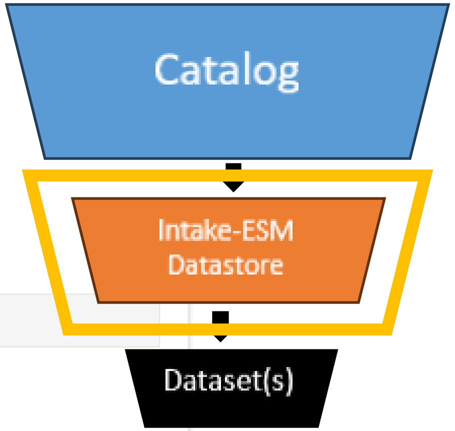
```
[ ]: catalog.search(model="ACCESS-OM2", frequency="1day", variable="wdet100")
```

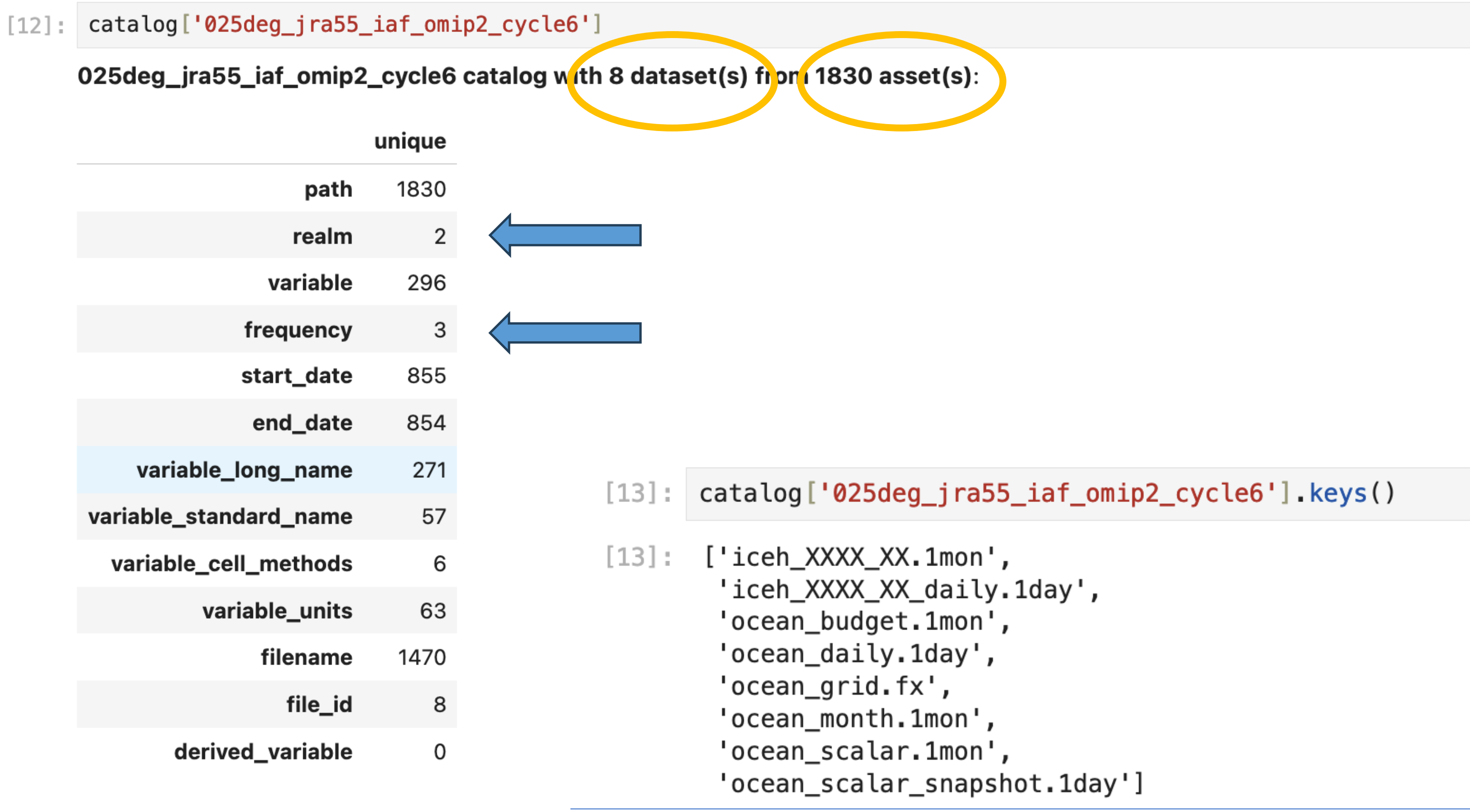
```
[ ]: catalog.search(model="ACCESS-OM2", frequency="1day", variable="w.*")
```



```
[6]: catalog.search(model="ACCESS-*").df.model.unique()

[6]: array([('ACCESS1-0',), ('ACCESS1-3',), ('ACCESS-CM2',),
            ('ACCESS-ESM1-5',), ('ACCESS-OM2',), ('ACCESS-OM2-025',)],
           dtype=object)
```

Each experiment is an Intake-ESM Datastore





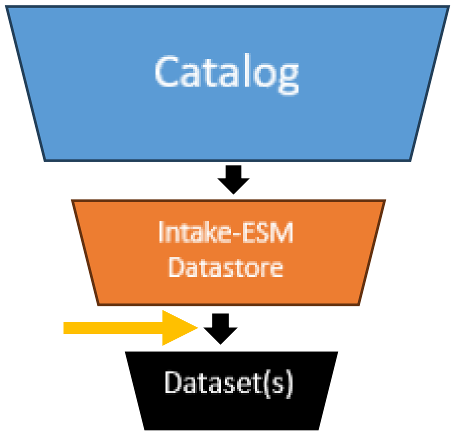
```
[12]: catalog['025deg_jra55_iaf_omip2_cycle6']
```

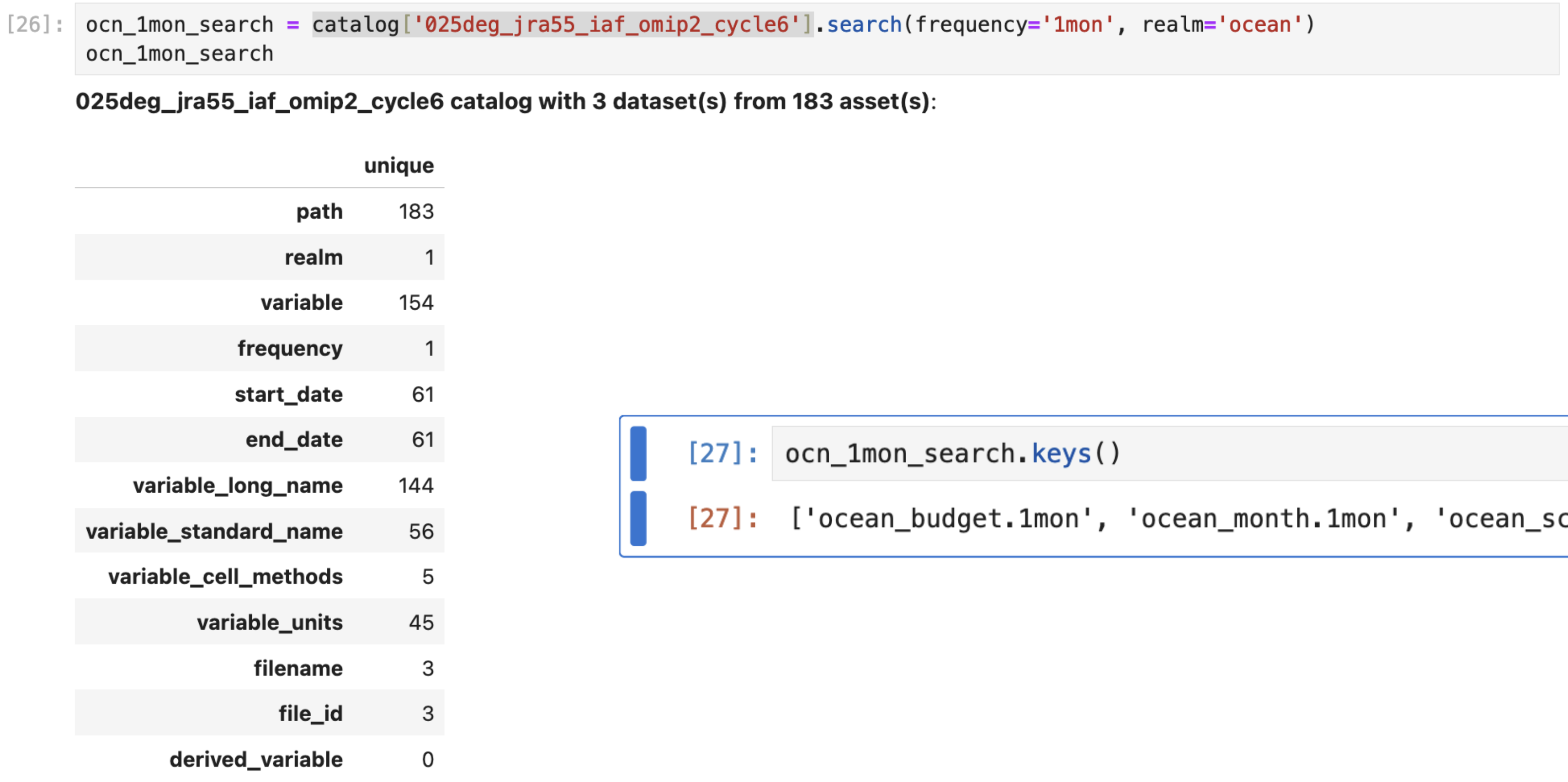
025deg_jra55_iaf_omip2_cycle6 catalog with 8 dataset(s) from 1830 asset(s):

	unique
path	1830
realm	2
variable	296
frequency	3
start_date	855
end_date	854
variable_long_name	271
variable_standard_name	57
variable_cell_methods	6
variable_units	63
filename	1470
file_id	8
derived_variable	0

```
[13]: catalog['025deg_jra55_iaf_omip2_cycle6'].keys()

[13]: ['iceh_XXXX_XX.1mon',
       'iceh_XXXX_XX_daily.1day',
       'ocean_budget.1mon',
       'ocean_daily.1day',
       'ocean_grid.fx',
       'ocean_month.1mon',
       'ocean_scalar.1mon',
       'ocean_scalar_snapshot.1day']
```

Refine to one dataset

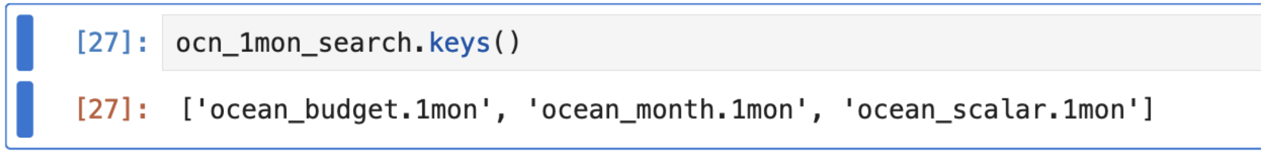




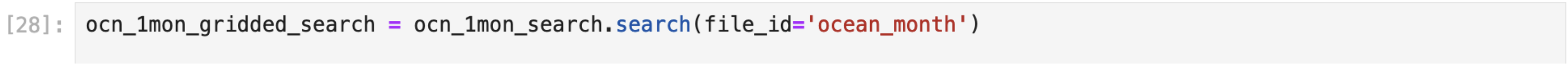
```
[26]: ocn_1mon_search = catalog['025deg_jra55_iaf_omip2_cycle6'].search(frequency='1mon', realm='ocean')
      ocn_1mon_search
```

025deg_jra55_iaf_omip2_cycle6 catalog with 3 dataset(s) from 183 asset(s):

	unique
path	183
realm	1
variable	154
frequency	1
start_date	61
end_date	61
variable_long_name	144
variable_standard_name	56
variable_cell_methods	5
variable_units	45
filename	3
file_id	3
derived_variable	0

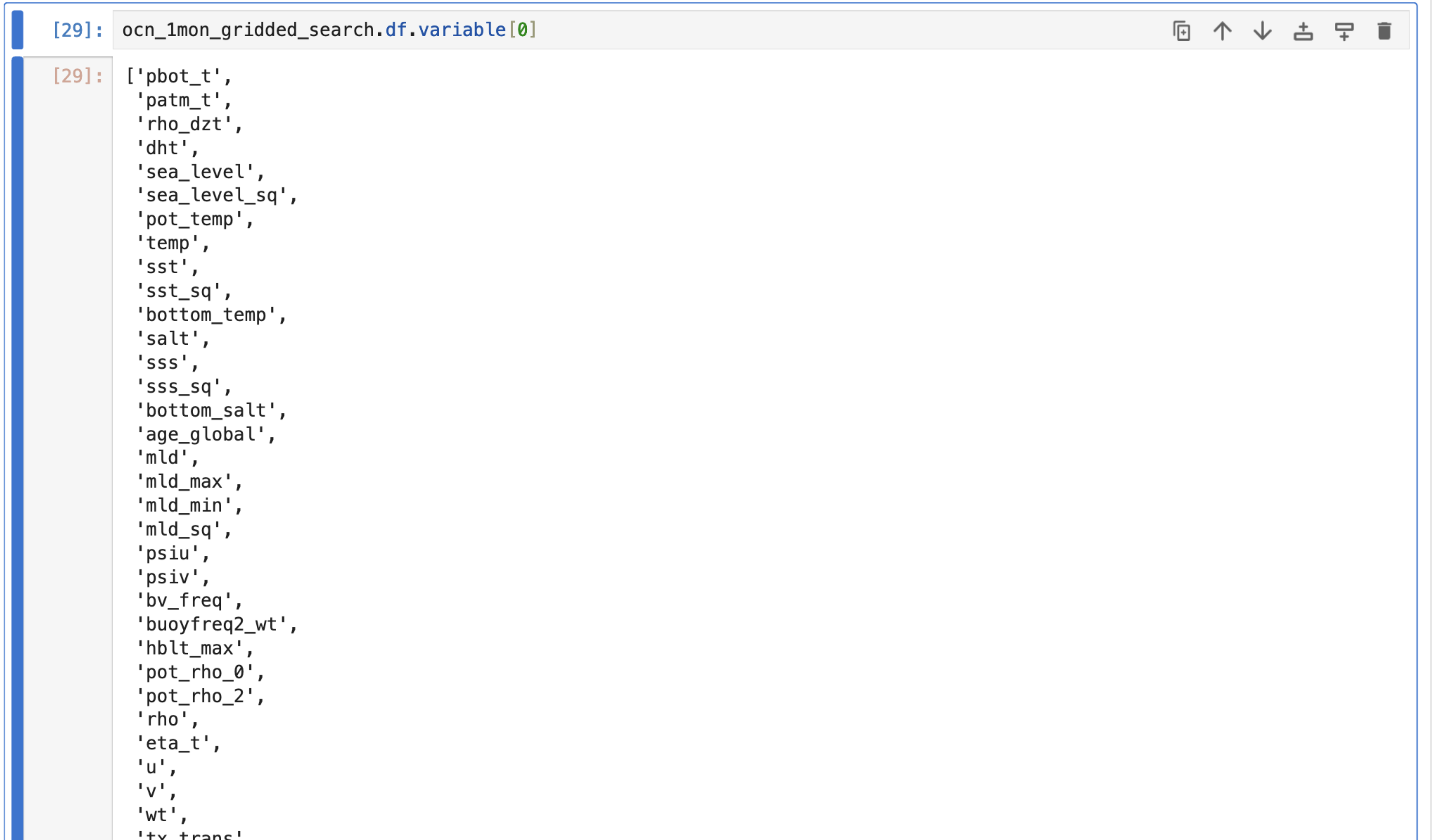


```
[27]: ocn_1mon_search.keys()

[27]: ['ocean_budget.1mon', 'ocean_month.1mon', 'ocean_scalar.1mon']
```



```
[28]: ocn_1mon_gridded_search = ocn_1mon_search.search(file_id='ocean_month')
```

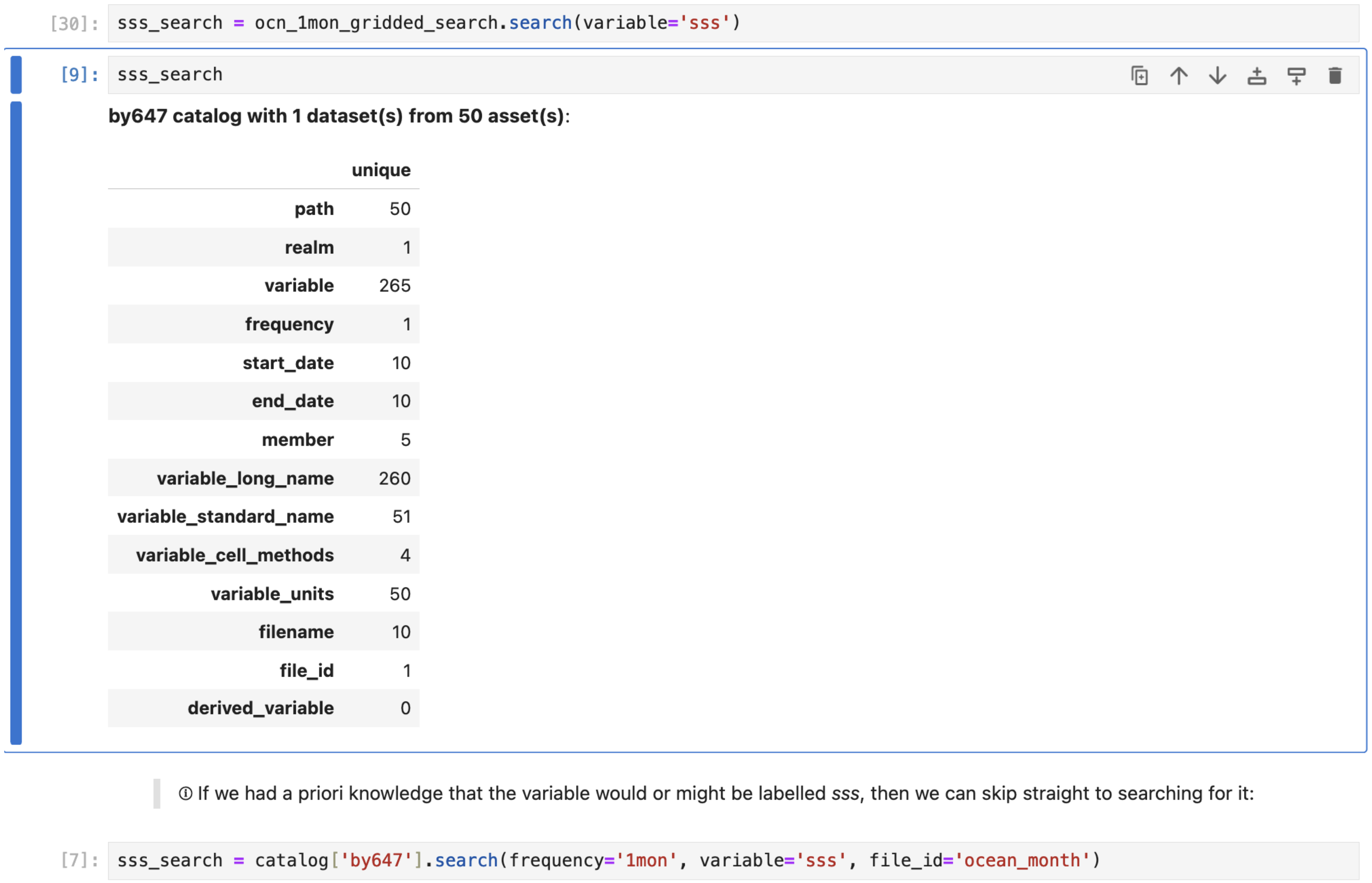
Dataframe view helps with data discovery



```
[29]: ocn_1mon_gridded_search.df.variable[0]
```

```
[29]: ['pbot_t',
       'patm_t',
       'rho_dzt',
       'dht',
       'sea_level',
       'sea_level_sq',
       'pot_temp',
       'temp',
       'sst',
       'sst_sq',
       'bottom_temp',
       'salt',
       'sss',
       'sss_sq',
       'bottom_salt',
       'age_global',
       'mld',
       'mld_max',
       'mld_min',
       'mld_sq',
       'psiu',
       'psiv',
       'bv_freq',
       'buoyfreq2_wt',
       'hblt_max',
       'pot_rho_0',
       'pot_rho_2',
       'rho',
       'eta_t',
       'u',
       'v',
       'wt',
       'tx_trans'
```

Finding a Variable



```
[30]: sss_search = ocn_1mon_gridded_search.search(variable='sss')
```

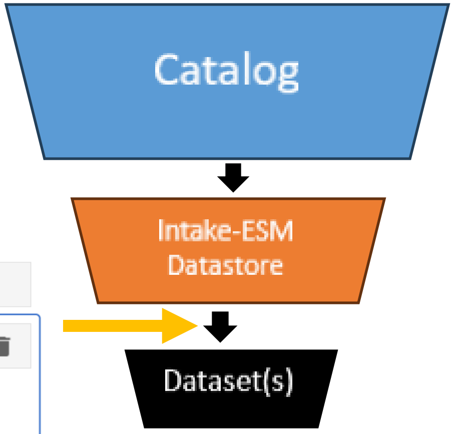
```
[9]: sss_search
```

by647 catalog with 1 dataset(s) from 50 asset(s):

	unique
path	50
realm	1
variable	265
frequency	1
start_date	10
end_date	10
member	5
variable_long_name	260
variable_standard_name	51
variable_cell_methods	4
variable_units	50
filename	10
file_id	1
derived_variable	0

> ⓘ If we had a priori knowledge that the variable would or might be labelled *sss*, then we can skip straight to searching for it:

```
[7]: sss_search = catalog['by647'].search(frequency='1mon', variable='sss', file_id='ocean_month')
```



Exercise 1:

In a terminal, from ~ or your gdata folder:

```
$ git clone https://github.com/ACCESS-NRI/intake-training/
```

In ARE, open `cosima_exercises_202409.ipynb`

```
import intake
catalog = intake.cat.access_nri
```

View the catalog:

```
catalog
```

Search the catalog by the column in the catalog (e.g. model, experiment name, variable etc) and select an experiment

Find a datastore:

```
catalog.search()
datastore = catalog[‘experiment’]
```

View the datastore:

```
datastore
datastore.df
```

Find a variable:

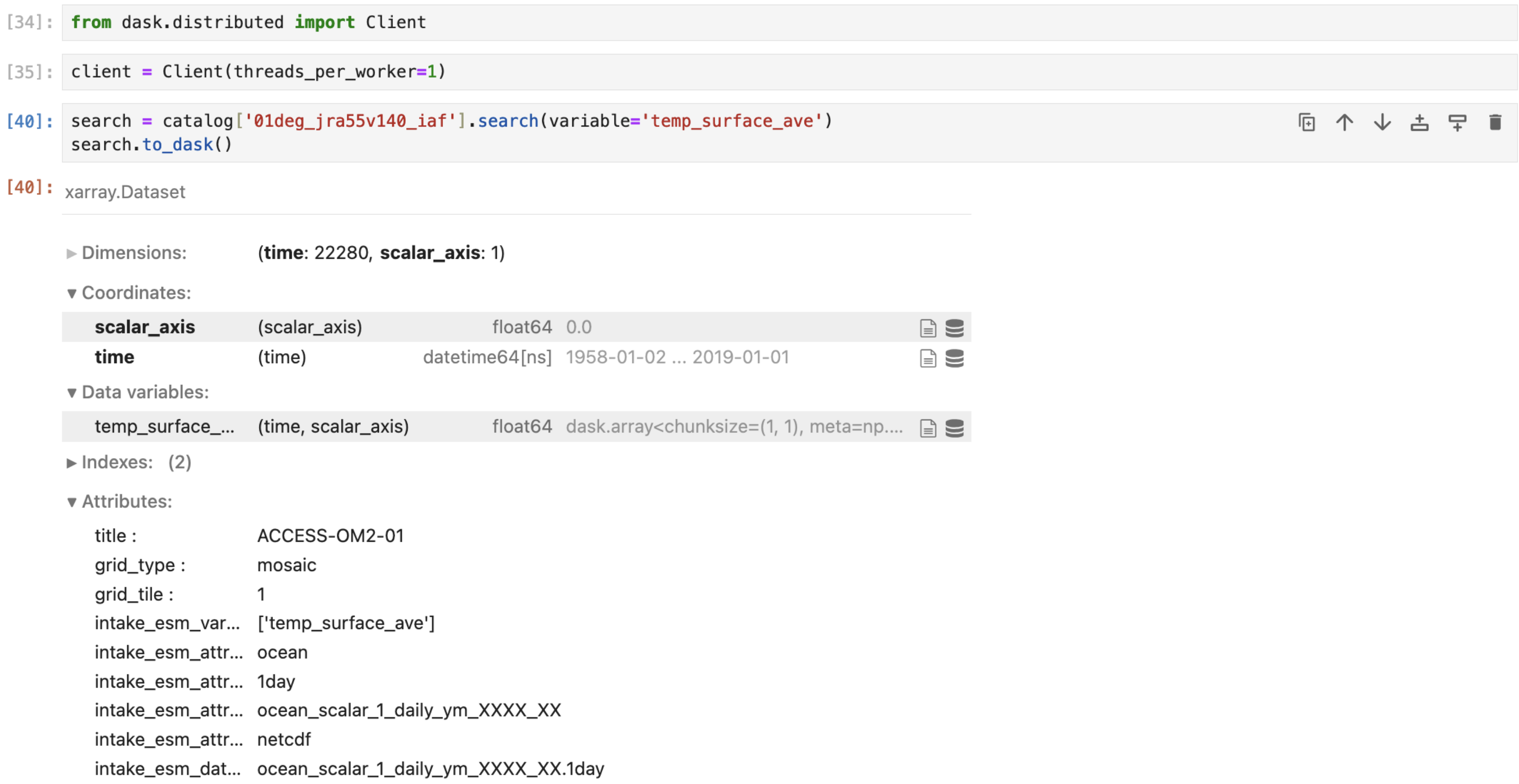
```
datastore.search()
```

Search the datastore by the column in the datastore (e.g. model, experiment name, variable etc) and select at experiment

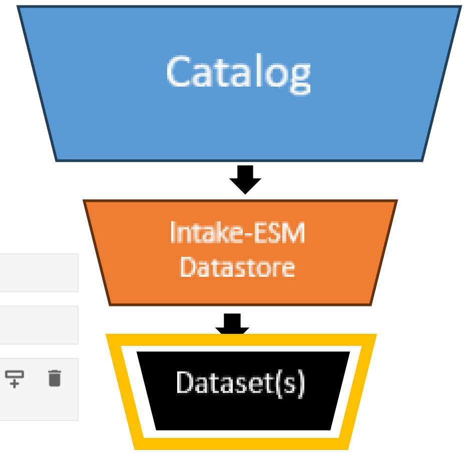
Refine your search to reach 1 dataset.

Use `.keys()` to assist in refining

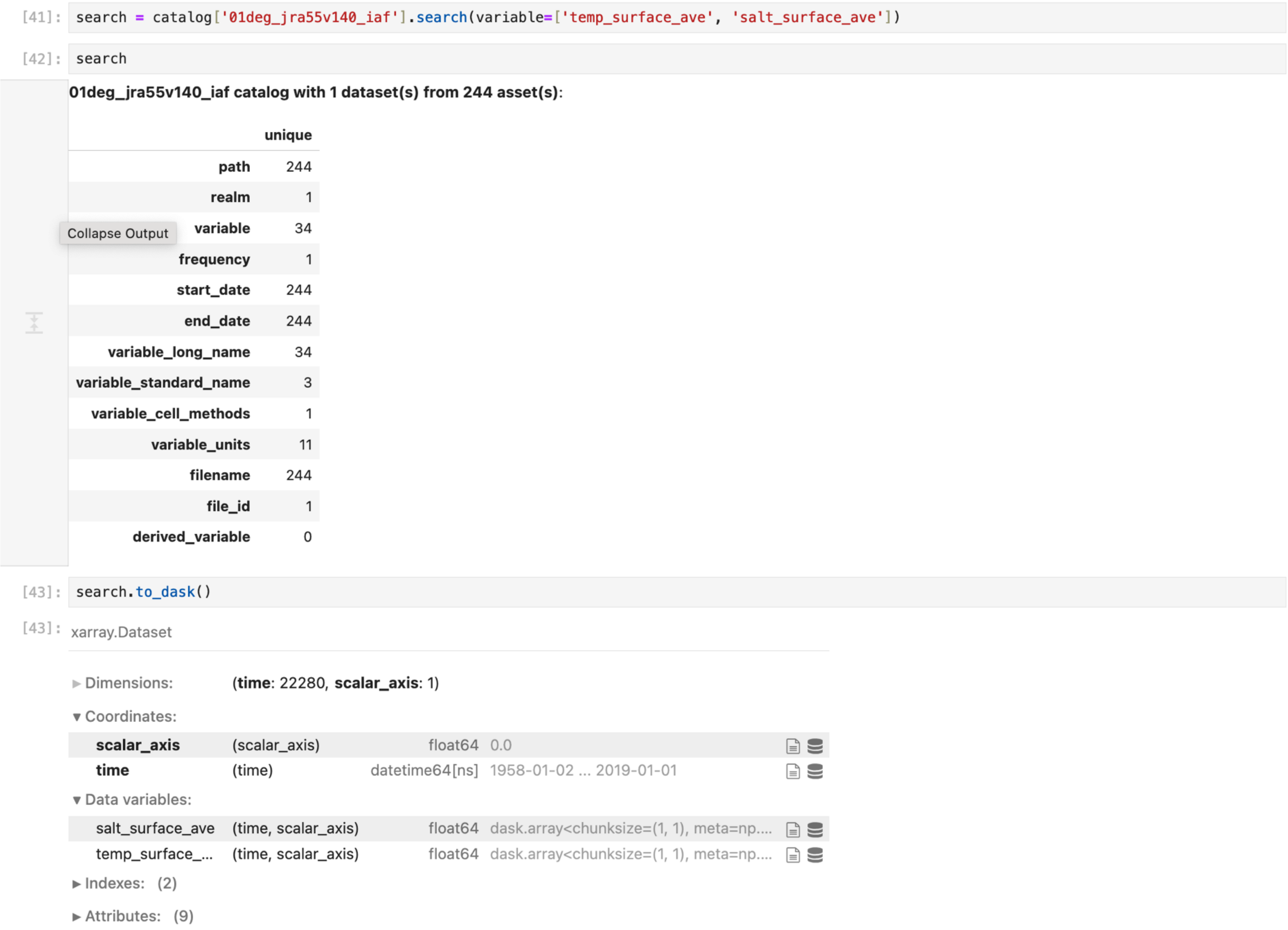
Opening one dataset



```
[34]: from dask.distributed import Client

[35]: client = Client(threads_per_worker=1)

[40]: search = catalog['01deg_jra55v140_iaf'].search(variable='temp_surface_ave')
      search.to_dask()

[40]: xarray.Dataset

      ▶ Dimensions:        (time: 22280, scalar_axis: 1)
      ▼ Coordinates:
          scalar_axis      (scalar_axis)          float64  0.0
          time             (time)          datetime64[ns]  1958-01-02 ... 2019-01-01
      ▼ Data variables:
          temp_surface_...  (time, scalar_axis)    float64  dask.array<chunksize=(1, 1), meta=np....
      ▶ Indexes:   (2)
      ▼ Attributes:
          title :           ACCESS-OM2-01
          grid_type :       mosaic
          grid_tile :       1
          intake_esm_var...  ['temp_surface_ave']
          intake_esm_attr... ocean
          intake_esm_attr... 1day
          intake_esm_attr... ocean_scalar_1_daily_ym_XXXX_XX
          intake_esm_attr... netcdf
          intake_esm_dat...  ocean_scalar_1_daily_ym_XXXX_XX.1day
```



Datasets can have more than one variable



```
[41]: search = catalog['01deg_jra55v140_iaf'].search(variable=['temp_surface_ave', 'salt_surface_ave'])
```

```
[42]: search
```

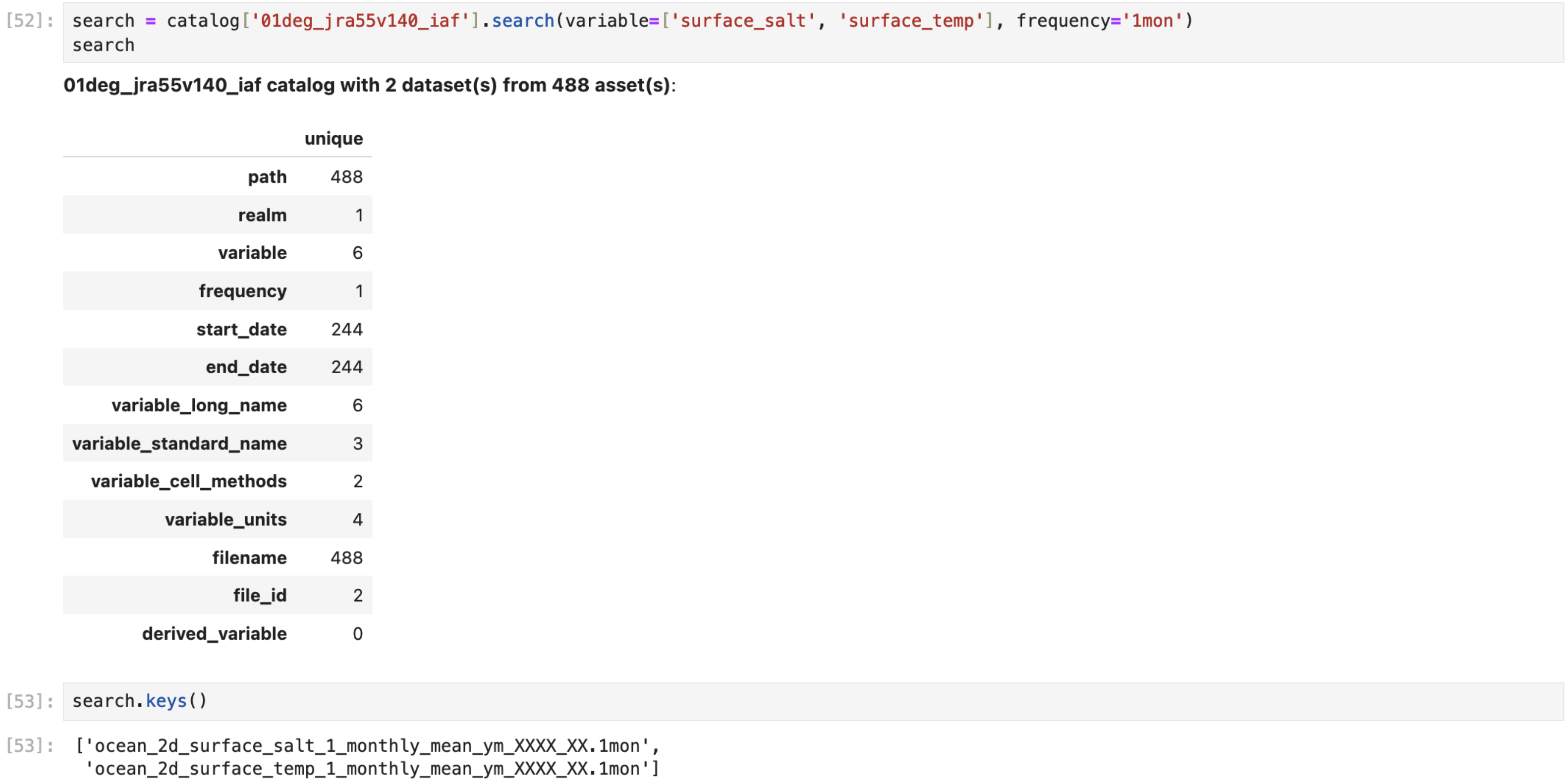
01deg_jra55v140_iaf catalog with 1 dataset(s) from 244 asset(s):

	unique
path	244
realm	1
variable	34
frequency	1
start_date	244
end_date	244
variable_long_name	34
variable_standard_name	3
variable_cell_methods	1
variable_units	11
filename	244
file_id	1
derived_variable	0

```
[43]: search.to_dask()
```

```
[43]: xarray.Dataset

▶ Dimensions:       (time: 22280, scalar_axis: 1)
▼ Coordinates:
    scalar_axis     (scalar_axis)           float64  0.0
    time            (time)           datetime64[ns]  1958-01-02 ... 2019-01-01
▼ Data variables:
    salt_surface_ave  (time, scalar_axis)   float64  dask.array<chunksize=(1, 1), meta=np....
    temp_surface_...  (time, scalar_axis)   float64  dask.array<chunksize=(1, 1), meta=np....
▶ Indexes:   (2)
▶ Attributes:   (9)
```

Related variables are often in different datasets



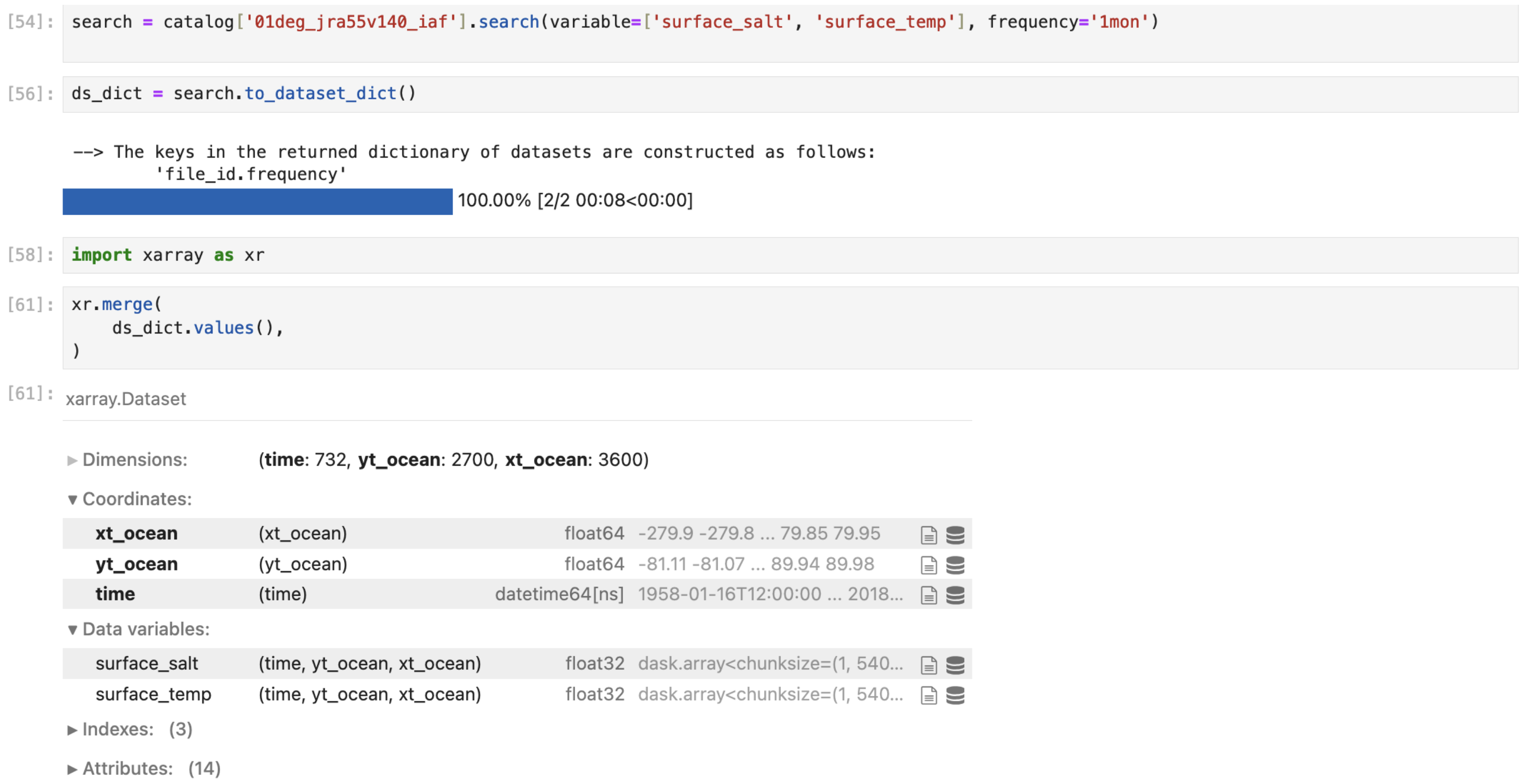
```
[52]: search = catalog['01deg_jra55v140_iaf'].search(variable=['surface_salt', 'surface_temp'], frequency='1mon')
      search
```

01deg_jra55v140_iaf catalog with 2 dataset(s) from 488 asset(s):

	unique
path	488
realm	1
variable	6
frequency	1
start_date	244
end_date	244
variable_long_name	6
variable_standard_name	3
variable_cell_methods	2
variable_units	4
filename	488
file_id	2
derived_variable	0

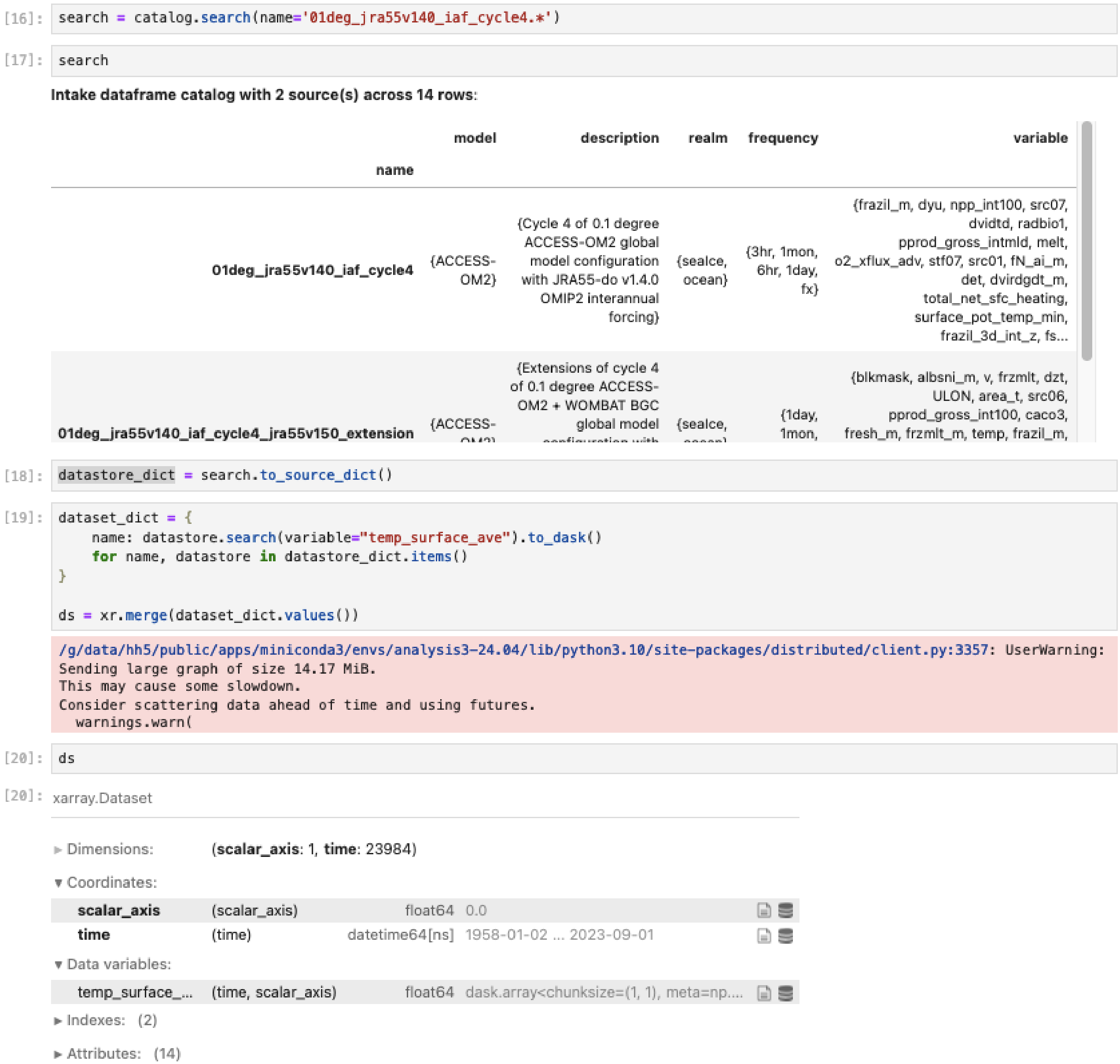
```
[53]: search.keys()

[53]: ['ocean_2d_surface_salt_1_monthly_mean_ym_XXXX_XX.1mon',
       'ocean_2d_surface_temp_1_monthly_mean_ym_XXXX_XX.1mon']
```

Related variables on the same grid can be merged



```
[54]: search = catalog['01deg_jra55v140_iaf'].search(variable=['surface_salt', 'surface_temp'], frequency='1mon')

[56]: ds_dict = search.to_dataset_dict()

      --> The keys in the returned dictionary of datasets are constructed as follows:
              'file_id.frequency'
      100.00% [2/2 00:08<00:00]

[58]: import xarray as xr

[61]: xr.merge(
          ds_dict.values(),
      )

[61]: xarray.Dataset

      ▸ Dimensions:      (time: 732, yt_ocean: 2700, xt_ocean: 3600)
      ▾ Coordinates:
          xt_ocean       (xt_ocean)                        float64  -279.9 -279.8 ... 79.85 79.95
          yt_ocean       (yt_ocean)                        float64  -81.11 -81.07 ... 89.94 89.98
          time           (time)                     datetime64[ns]  1958-01-16T12:00:00 ... 2018...
      ▾ Data variables:
          surface_salt   (time, yt_ocean, xt_ocean)        float32  dask.array<chunksize=(1, 540...
          surface_temp   (time, yt_ocean, xt_ocean)        float32  dask.array<chunksize=(1, 540...
      ▸ Indexes:  (3)
      ▸ Attributes:  (14)
```

Experiment extensions can be combined



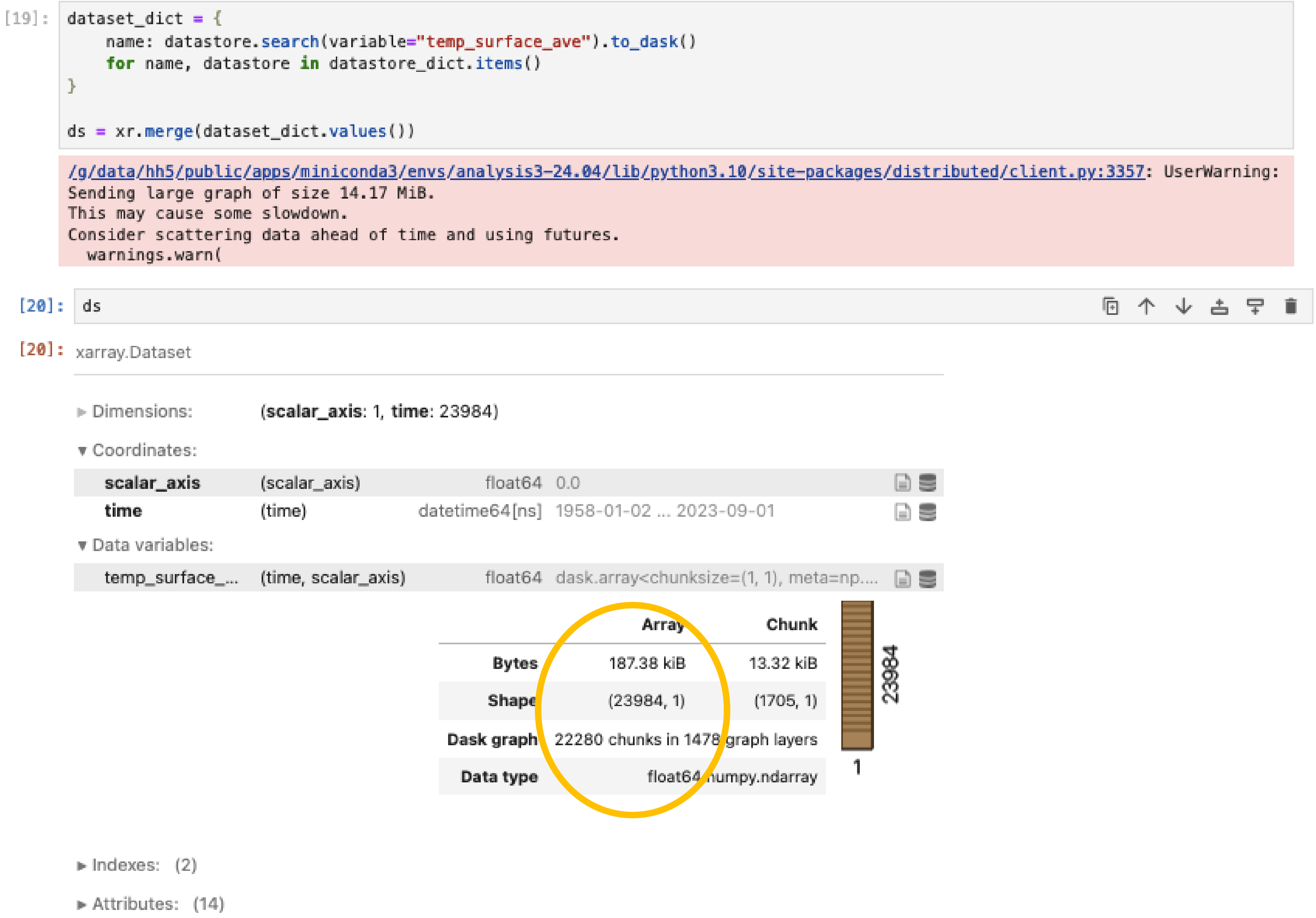
```
[16]: search = catalog.search(name='01deg_jra55v140_iaf_cycle4.*')

[17]: search
```

Intake dataframe catalog with 2 source(s) across 14 rows:

name	model	description	realm	frequency	variable
01deg_jra55v140_iaf_cycle4	{ACCESS-OM2}	{Cycle 4 of 0.1 degree ACCESS-OM2 global model configuration with JRA55-do v1.4.0 OMIP2 interannual forcing}	{seaIce, ocean}	{3hr, 1mon, 6hr, 1day, fx}	{frazil_m, dyu, npp_int100, src07, dvidtd, radbio1, pprod_gross_intmld, melt, o2_xflux_adv, stf07, src01, fN_ai_m, det, dvirdgdt_m, total_net_sfc_heating, surface_pot_temp_min, frazil_3d_int_z, fs...
01deg_jra55v140_iaf_cycle4_jra55v150_extension	{ACCESS-OM2}	{Extensions of cycle 4 of 0.1 degree ACCESS-OM2 + WOMBAT BGC global model configuration with	{seaIce, ocean}	{1day, 1mon,	{blkmask, albsni_m, v, frzmlt, dzt, ULON, area_t, src06, pprod_gross_int100, caco3, fresh_m, frzmlt_m, temp, frazil_m,

```
[18]: datastore_dict = search.to_source_dict()

[19]: dataset_dict = {
          name: datastore.search(variable="temp_surface_ave").to_dask()
          for name, datastore in datastore_dict.items()
      }

      ds = xr.merge(dataset_dict.values())

/g/data/hh5/public/apps/miniconda3/envs/analysis3-24.04/lib/python3.10/site-packages/distributed/client.py:3357: UserWarning:
Sending large graph of size 14.17 MiB.
This may cause some slowdown.
Consider scattering data ahead of time and using futures.
  warnings.warn(

[20]: ds

[20]: xarray.Dataset

▸ Dimensions:      (scalar_axis: 1, time: 23984)
▾ Coordinates:
    scalar_axis    (scalar_axis)             float64  0.0
    time           (time)             datetime64[ns]  1958-01-02 ... 2023-09-01
▾ Data variables:
    temp_surface_...  (time, scalar_axis)    float64  dask.array<chunksize=(1, 1), meta=np....
▸ Indexes:   (2)
▸ Attributes:   (14)
```

An aside about chunks



```
[19]: dataset_dict = {
          name: datastore.search(variable="temp_surface_ave").to_dask()
          for name, datastore in datastore_dict.items()
      }

      ds = xr.merge(dataset_dict.values())
```

```
/g/data/hh5/public/apps/miniconda3/envs/analysis3-24.04/lib/python3.10/site-packages/distributed/client.py:3357: UserWarning:
Sending large graph of size 14.17 MiB.
This may cause some slowdown.
Consider scattering data ahead of time and using futures.
  warnings.warn(
```

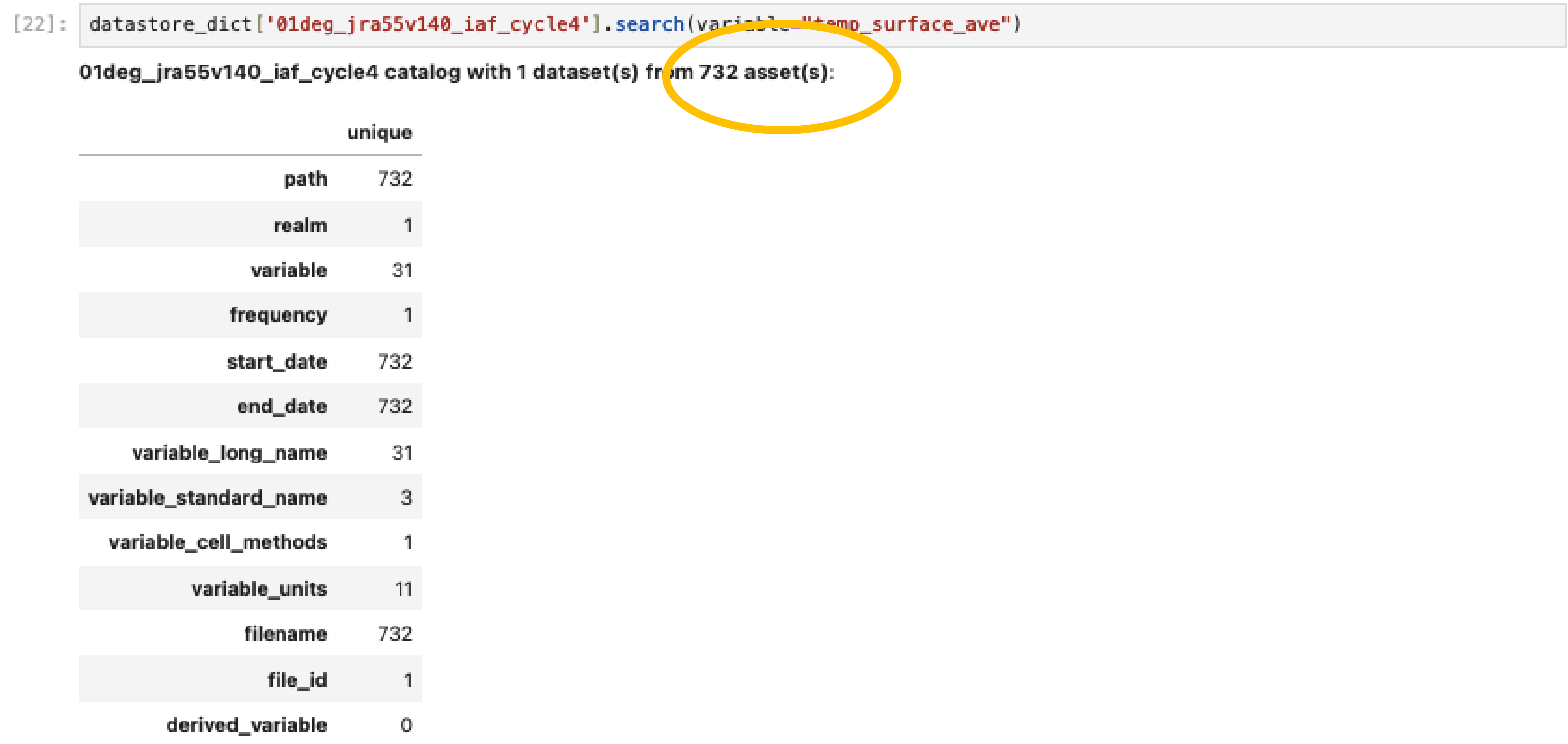
```
[20]: ds
```

```
[20]: xarray.Dataset

▸ Dimensions:        (scalar_axis: 1, time: 23984)
▾ Coordinates:
    scalar_axis      (scalar_axis)        float64   0.0
    time             (time)         datetime64[ns]  1958-01-02 ... 2023-09-01
▾ Data variables:
    temp_surface_...  (time, scalar_axis)  float64   dask.array<chunksize=(1, 1), meta=np....
```

	Array	Chunk
Bytes	187.38 kiB	13.32 kiB
Shape	(23984, 1)	(1705, 1)
Dask graph	22280 chunks in 1478 graph layers	
Data type	float64 numpy.ndarray	

```
▸ Indexes: (2)
▸ Attributes: (14)
```

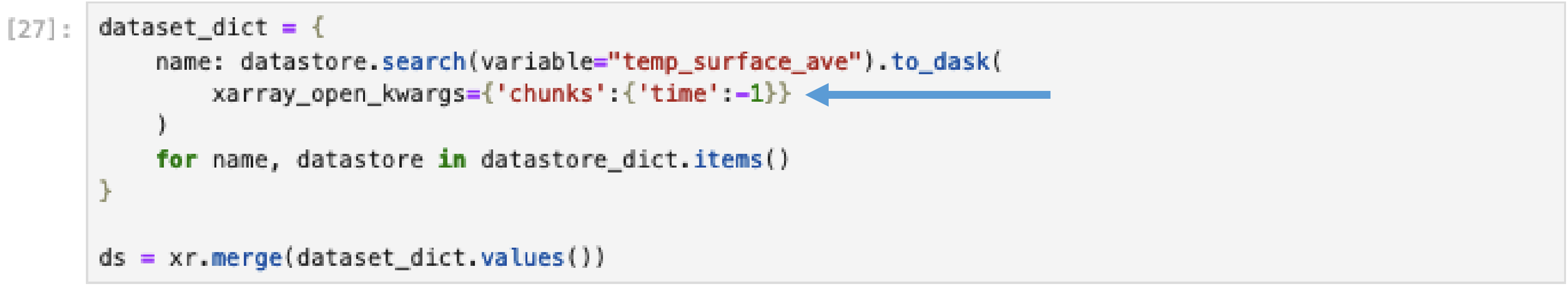
Reducing the number of file operations



```
[22]: datastore_dict['01deg_jra55v140_iaf_cycle4'].search(variable="temp_surface_ave")
```

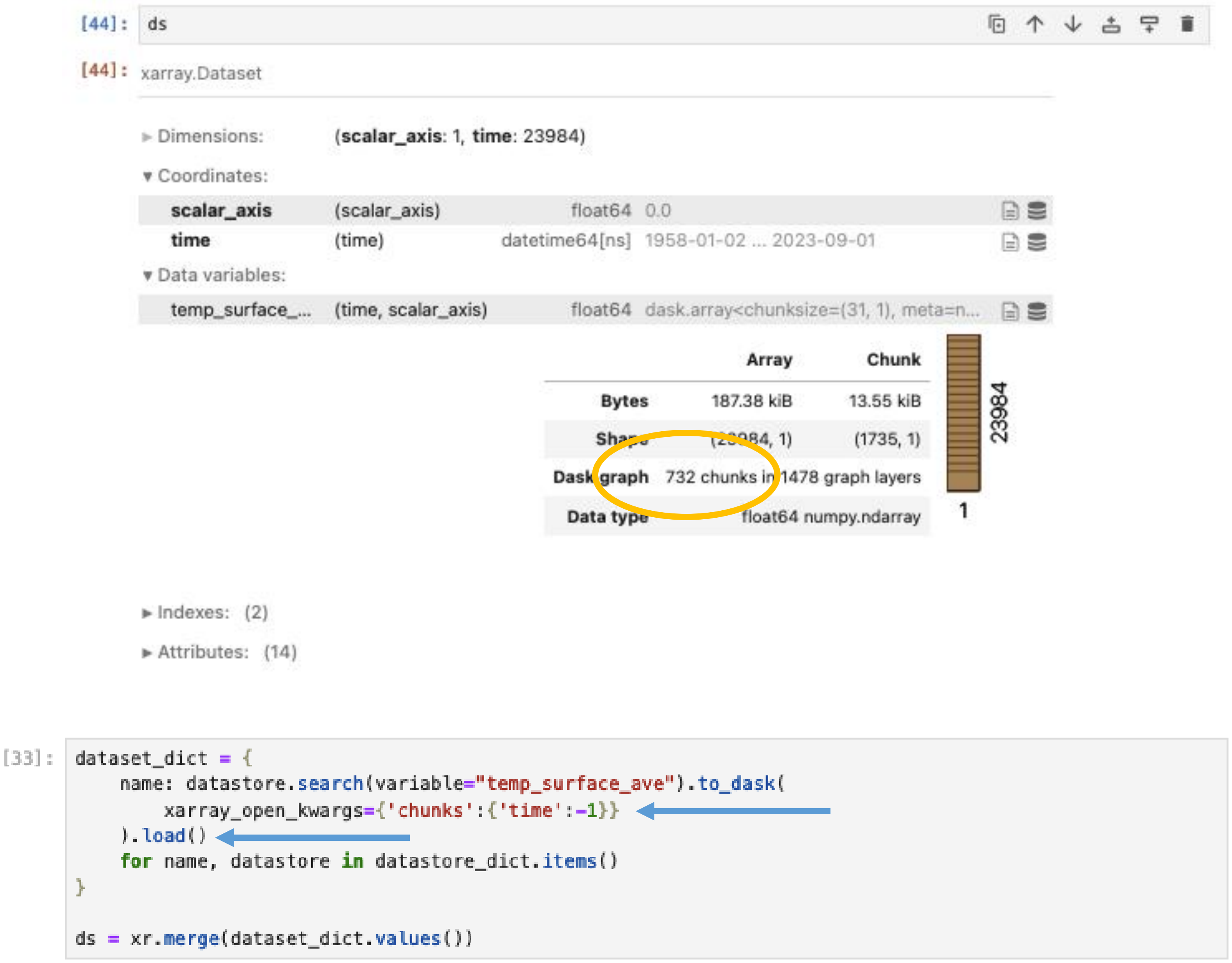
01deg_jra55v140_iaf_cycle4 catalog with 1 dataset(s) from 732 asset(s):

	unique
path	732
realm	1
variable	31
frequency	1
start_date	732
end_date	732
variable_long_name	31
variable_standard_name	3
variable_cell_methods	1
variable_units	11
filename	732
file_id	1
derived_variable	0



```
[27]: dataset_dict = {
          name: datastore.search(variable="temp_surface_ave").to_dask(
              xarray_open_kwargs={'chunks':{'time':-1}}
          )
          for name, datastore in datastore_dict.items()
      }

      ds = xr.merge(dataset_dict.values())
```

Reducing the number of file operations



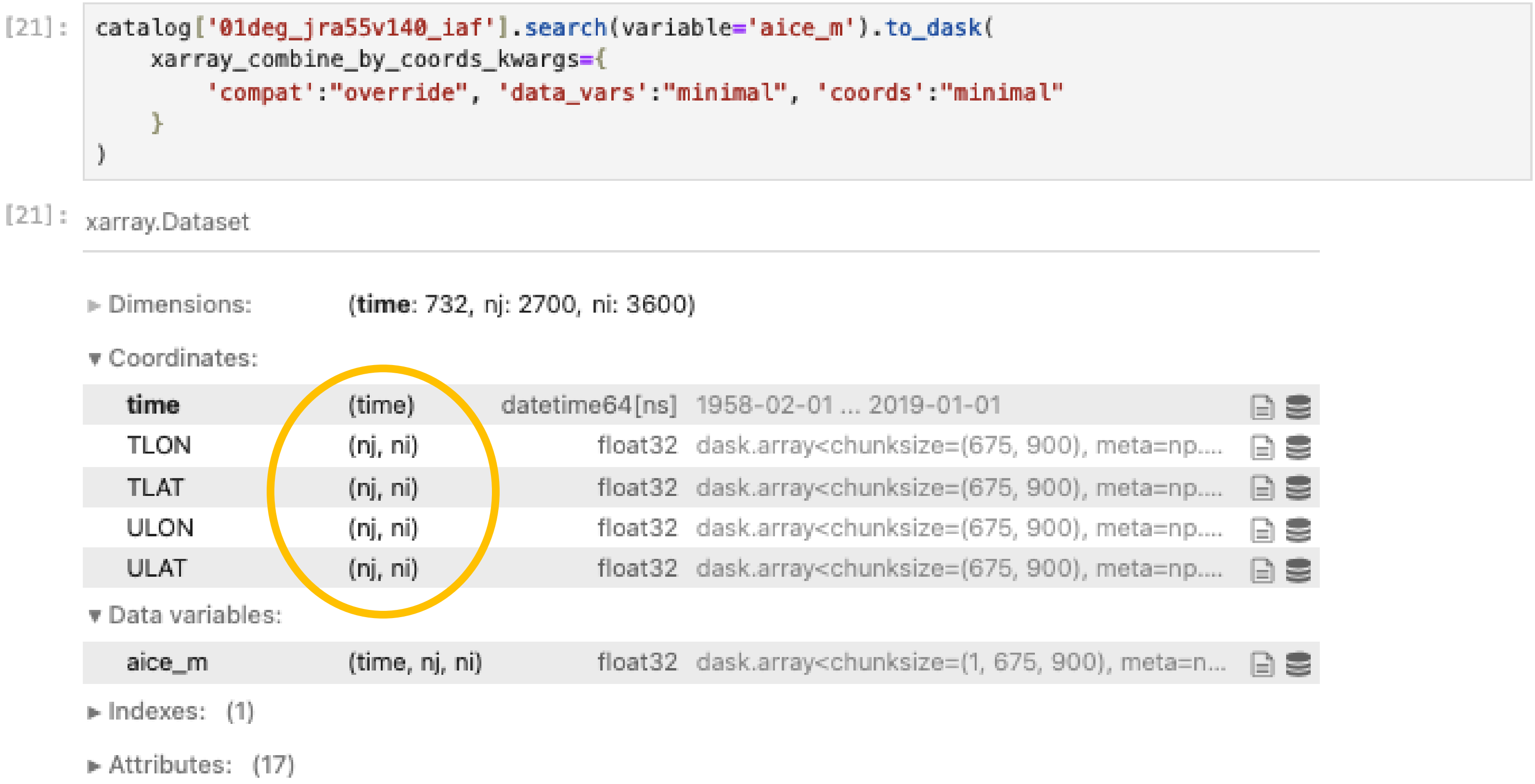
```
[44]: ds

[44]: xarray.Dataset

▸ Dimensions:       (scalar_axis: 1, time: 23984)
▾ Coordinates:
    scalar_axis     (scalar_axis)        float64  0.0
    time            (time)         datetime64[ns]  1958-01-02 ... 2023-09-01
▾ Data variables:
    temp_surface_...  (time, scalar_axis)  float64  dask.array<chunksize=(31, 1), meta=n...
```

	Array	Chunk
Bytes	187.38 kiB	13.55 kiB
Shape	(23984, 1)	(1735, 1)
Dask graph	732 chunks in 1478 graph layers	
Data type	float64 numpy.ndarray	

```
▸ Indexes:  (2)
▸ Attributes:  (14)
```

```
[33]: dataset_dict = {
          name: datastore.search(variable="temp_surface_ave").to_dask(
              xarray_open_kwargs={'chunks':{'time':-1}}
          ).load()
          for name, datastore in datastore_dict.items()
      }

      ds = xr.merge(dataset_dict.values())
```

A note about CICE output



```
[21]: catalog['01deg_jra55v140_iaf'].search(variable='aice_m').to_dask(
          xarray_combine_by_coords_kwargs={
              'compat':"override", 'data_vars':"minimal", 'coords':"minimal"
          }
      )
```

```
[21]: xarray.Dataset

  ▸ Dimensions:      (time: 732, nj: 2700, ni: 3600)
  ▾ Coordinates:
      time           (time)           datetime64[ns]  1958-02-01 ... 2019-01-01
      TLON           (nj, ni)         float32  dask.array<chunksize=(675, 900), meta=np....
      TLAT           (nj, ni)         float32  dask.array<chunksize=(675, 900), meta=np....
      ULON           (nj, ni)         float32  dask.array<chunksize=(675, 900), meta=np....
      ULAT           (nj, ni)         float32  dask.array<chunksize=(675, 900), meta=np....
  ▾ Data variables:
      aice_m         (time, nj, ni)   float32  dask.array<chunksize=(1, 675, 900), meta=n...
  ▸ Indexes:  (1)
  ▸ Attributes:  (17)
```

Exercise 2:

Find 1 dataset:

```
    search = datastore.search()
```

Start a dask cluster

Open the dataset:

```
    search.to_dask()
```

Try another search which returns two variables.

```
    search = datastore.search(variable=[…,…])
    search.to_dataset_dict()
```

Try search with multiple experiments:

```
    catalog.search(name=‘1deg_*’)
```

And use .to_source_dict()

Try specifying in .to_dask()

```
    xarray_open_kwargs={‘chunks’:{…}}
```

Ongoing Work

Marc is adding some datasets to the catalog.

- Panantarctic (GFDL-OM4) results need a new *builder*

Request additional datasets at

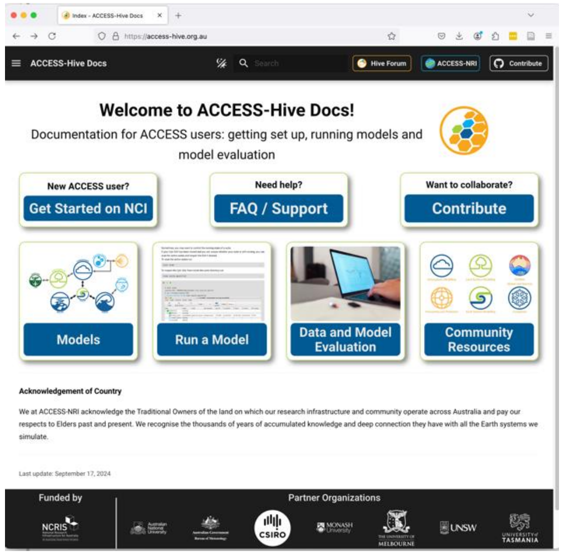
- https://github.com/ACCESS-NRI/access-nri-intake-catalog

List of cosima recipes converted to intake and open pull-requests:

- https://github.com/COSIMA/cosima-recipes/issues/313

NCI also have and add intake catalogs (e.g. ERA5, BARRA/BARPA, CMIP6)

For ACCESS documentation – see ACCESS-HIVE



Welcome to ACCESS-Hive Docs!

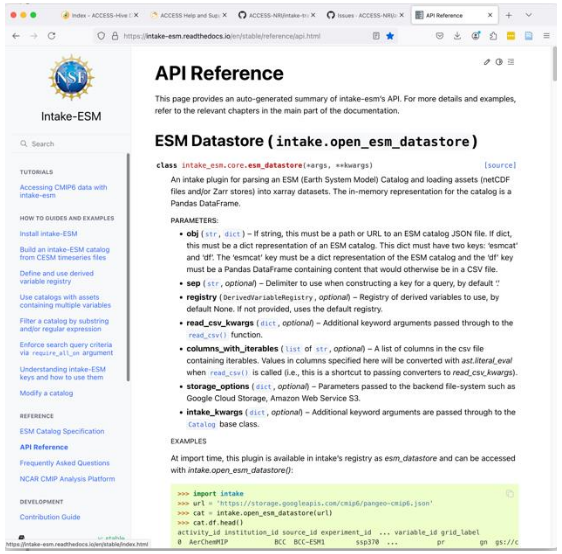
Documentation for ACCESS users: getting set up, running models and model evaluation

Acknowledgement of Country

We at ACCESS-NRI acknowledge the Traditional Owners of the land on which our research infrastructure and community operate across Australia and pay our respects to Elders past and present. We recognise the thousands of years of accumulated knowledge and deep connection they have with all the Earth systems we simulate.

Last update: September 17, 2024

For intake documentation – see intake-esm website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https://intake-esm.readthedocs.io/en/stable/index.html

API Reference

This page provides an auto-generated summary of intake-esm's API. For more details and examples, refer to the relevant chapters in the main part of the documentation.

ESM Datastore (`intake.open_esm_datastore`)

`class intake_esm.core.esm_datastore(*args, **kwargs)` [source]

An intake plugin for parsing an ESM (Earth System Model) Catalog and loading assets (netCDF files and/or Zarr stores) into xarray datasets. The in-memory representation for the catalog is a Pandas DataFrame.

PARAMETERS:

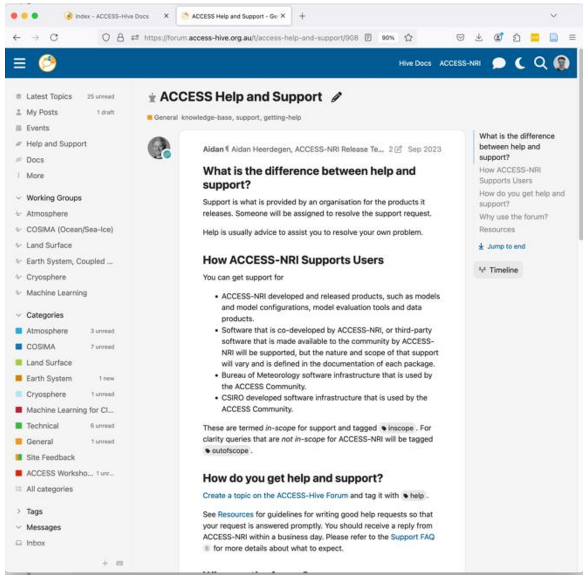
- **obj** (`str`, `dict`) – If string, this must be a path or URL to an ESM catalog JSON file. If dict, this must be a dict representation of an ESM catalog. This dict must have two keys: 'esmcat' and 'df'. The 'esmcat' key must be a dict representation of the ESM catalog and the 'df' key must be a Pandas DataFrame containing content that would otherwise be in a CSV file.
- **sep** (`str`, *optional*) – Delimiter to use when constructing a key for a query, by default '.'
- **registry** (`DerivedVariableRegistry`, *optional*) – Registry of derived variables to use, by default None. If not provided, uses the default registry.
- **read_csv_kwargs** (`dict`, *optional*) – Additional keyword arguments passed through to the `read_csv()` function.
- **columns_with_iterables** (`list` of `str`, *optional*) – A list of columns in the csv file containing iterables. Values in columns specified here will be converted with *ast.literal_eval* when `read_csv()` is called (i.e., this is a shortcut to passing converters to *read_csv_kwargs*).
- **storage_options** (`dict`, *optional*) – Parameters passed to the backend file-system such as Google Cloud Storage, Amazon Web Service S3.
- **intake_kwargs** (`dict`, *optional*) – Additional keyword arguments are passed through to the `Catalog` base class.

EXAMPLES

At import time, this plugin is available in intake's registry as *esm_datastore* and can be accessed with *intake.open_esm_datastore()*:

```
>>> import intake
>>> url = 'https://storage.googleapis.com/cmip6/pangeo-cmip6.json'
>>> cat = intake.open_esm_datastore(url)
>>> cat.df.head()
activity_id institution_id source_id experiment_id  ... variable_id grid_label
0  AerChemMIP           BCC  BCC-ESM1       ssp370  ...          pr         gn  gs://c
```

For general support – use ACCESS-HIVE FORUM



ACCESS Help and Support

General knowledge-base, support, getting-help

Aidan Aidan Heerdegen, ACCESS-NRI Release Te... 2 Sep 2023

What is the difference between help and support?

Support is what is provided by an organisation for the products it releases. Someone will be assigned to resolve the support request.

Help is usually advice to assist you to resolve your own problem.

How ACCESS-NRI Supports Users

You can get support for

- ACCESS-NRI developed and released products, such as models and model configurations, model evaluation tools and data products.
- Software that is co-developed by ACCESS-NRI, or third-party software that is made available to the community by ACCESS-NRI will be supported, but the nature and scope of that support will vary and is defined in the documentation of each package.
- Bureau of Meteorology software infrastructure that is used by the ACCESS Community.
- CSIRO developed software infrastructure that is used by the ACCESS Community.

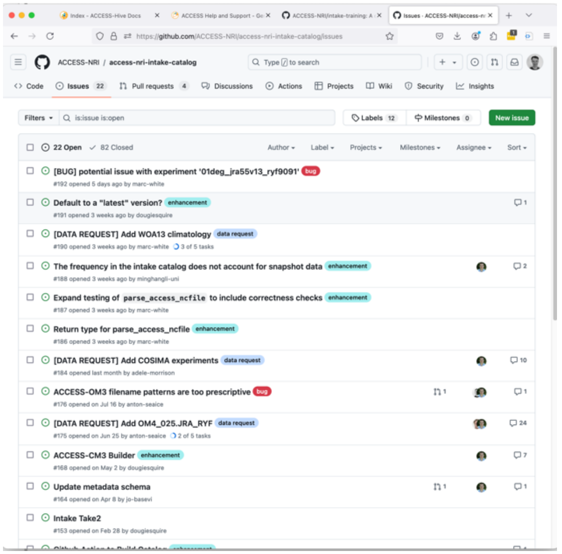
These are termed *in-scope* for support and tagged inscope . For clarity queries that are *not in-scope* for ACCESS-NRI will be tagged outofscope .

How do you get help and support?

Create a topic on the ACCESS-Hive Forum and tag it with help .

See Resources for guidelines for writing good help requests so that your request is answered promptly. You should receive a reply from ACCESS-NRI within a business day. Please refer to the Support FAQ 6 for more details about what to expect.

For bugs–use access-nri-intake-catalog github



□ 22 Open ✓ 82 Closed

□ [BUG] potential issue with experiment '01deg_jra55v13_ryf9091' bug
#192 opened 5 days ago by marc-white

□ Default to a "latest" version? enhancement 1
#191 opened 3 weeks ago by dougiesquire

□ [DATA REQUEST] Add WOA13 climatology data request
#190 opened 3 weeks ago by marc-white 3 of 5 tasks

□ The frequency in the intake catalog does not account for snapshot data enhancement 2
#188 opened 3 weeks ago by minghangli-uni

□ Expand testing of `parse_access_ncfile` to include correctness checks enhancement
#187 opened 3 weeks ago by marc-white

□ Return type for parse_access_ncfile enhancement
#186 opened 3 weeks ago by marc-white

□ [DATA REQUEST] Add COSIMA experiments data request 10
#184 opened last month by adele-morrison

□ ACCESS-OM3 filename patterns are too prescriptive bug 1 1
#176 opened on Jul 16 by anton-seaice

□ [DATA REQUEST] Add OM4_025.JRA_RYF data request 24
#175 opened on Jun 25 by anton-seaice 2 of 5 tasks

□ ACCESS-CM3 Builder enhancement 7
#168 opened on May 2 by dougiesquire

□ Update metadata schema 1 1
#164 opened on Apr 8 by jo-basevi

□ Intake Take2
#153 opened on Feb 28 by dougiesquire