ANACONDA DOCUMEN

Overview¶

This page describes the tabs, menus, and buttons in the Anaconda Navigator window.

Online and offline modes¶

Normally Navigator is used online so that it can download and install packages.

In online mode, Navigator must be able to reach these sites, so they may need to be allowlisted in your network's firewall settings.

- https://repo.anaconda.com
- https://conda.anaconda.org for conda-forge and other channels on anaconda.org
- google-public-dns-a.google.com (8.8.8.8:53) to check internet connectivity with [Google Public DNS](#)

Offline mode¶

If Navigator detects that internet access is not available, it automatically enables offline mode and displays this message:

Offline Mode

Some of the functionality of Anaconda Navigator will be limit[ed] environment creation will be subject to the packages current[ly in] your package cache.

Offline mode is indicated to the left of the login/logout butt[on in the] right corner of the main application window.

Offline mode will be disabled automatically when internet co[nnection is] restored.

You can also manually force **Offline mode** by enabling the se[tting in the] application preferences.

☐ Don't show aga[in]

In the Preferences dialog, select **Enable offline mode** to enter offline mode even if internet access is available.

Using Navigator in offline mode is equivalent to using the command line conda commands create, install, remove, and update with the flag --offline so that conda does not connect to the internet.

Navigator pages¶

The page options in the left column of Navigator represent the programs main components. Click a page name to open it.

Tip

To learn more about terms used in Anaconda, see the Glossary.

Home page¶

ANACONDA.NAVIGATOR

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Community

All applications ∨ on base (root) ∨ Ch

End-to-end package security, guaranteed

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DataSpell

DataSpell is an IDE for exploratory data analysis and prototyping machine learning models. It combines the interactivity of Jupyter notebooks with the intelligent Python and R coding assistance of PyCharm in one user-friendly environment.

Install

Datalore

Online Data Analysis Tool with sm assistance by JetBrains. Edit and Python notebooks in the cloud a them with your team.

Launch

Qt Console

5.3.0

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.

Launch

Spyder

5.1.5

Scientific PYthon Developm EnviRonment. Powerful Python advanced editing, interactive debugging and introspection f

Launch

RStudio

1.1.456

A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.

The **Home** page is open by default when Navigator starts. **Home** displays all of the available applications that you can manage with Navigator.

The first time you open Navigator, the following popular graphical Python applications are already installed or are available to install:

- DataSpell
- Datalore
- IBM Watson
- JupyterLab
- Jupyter Notebook
- PyCharm
- Qt Console
- Spyder IDE
- VS Code
- Glueviz multidimensional data visualization
- Orange data visualization
- R Studio IDE
- Anaconda Prompt (Windows only)
- Anaconda PowerShell (Windows only)

You can also build your own Navigator applications.

Working with application tiles¶

In each application tile, you can:

- Launch the application–Click its **Launch** button.
- Install an application–Click its **Install** button.
- Update, remove, or install a specific version of an application–Click the gear icon in the top-right corner of the application tile.

Applications are installed in the active environment, which is displayed in the **Applications on** list. To install an application in a specific environment, first select the environment from the list, then click the **Install** button on the application's tile.

Environments page¶

The **Environments** page allows you to manage installed environments, packages, and channels.

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Search Environments

base (root)

Installed

Name

- _ipyw_jlab_nb_ex...
- alabaster
- anaconda
- anaconda-client
- anaconda-project
- anyio
- appdirs
- applaunchservices
- appnope
- appscript
- argh
- argon2-cffi
- arrow
- asn1crypto
- astroid
- astropy
- async-generator
- async_generator

391 packages available

Create   Clone   Import   Backup   Remove

The left column lists your environments. Click an environment to activate it.

Environments

With Navigator, like with conda, you can create, export, list, remove, and update environments that have different versions of Python and/or other packages installed. Switching or moving between environments is called activating the environment. Only one environment is active at any point in time. For more information, see [Managing environments](#).

Packages

The right column lists packages installed in the currently-activated environment. The default view is Installed packages. To change which packages are displayed, click the arrow next to the list, then select from Installed, Not Installed, Updatable, Selected, or All packages. For more information, see [Managing packages](#).

Channels

Channels are locations where Navigator or conda looks for packages. Click the **Channels** button to open the Channels Manager and modify which channels Navigator uses. For more information, see [Managing channels](#).

Learning page¶

On the **Learning** page, you can learn more about Navigator, the Anaconda platform, and open data science. Click the **Documentation** or **Training** buttons to filter the learning tiles visible to you. Click any tile to open it in a browser window.

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- **Home**
- **Environments**
- **Learning**
- **Community**

Documentation (26) Training (1)

Python Tutorial

Read

Python Reference

Read

Anacon

Matplotlib Documentation

Read

Bokeh User Guide

Read

Anacon

The Python Package Index (PyPI)

Read

Dask documentation

Read

Conda &

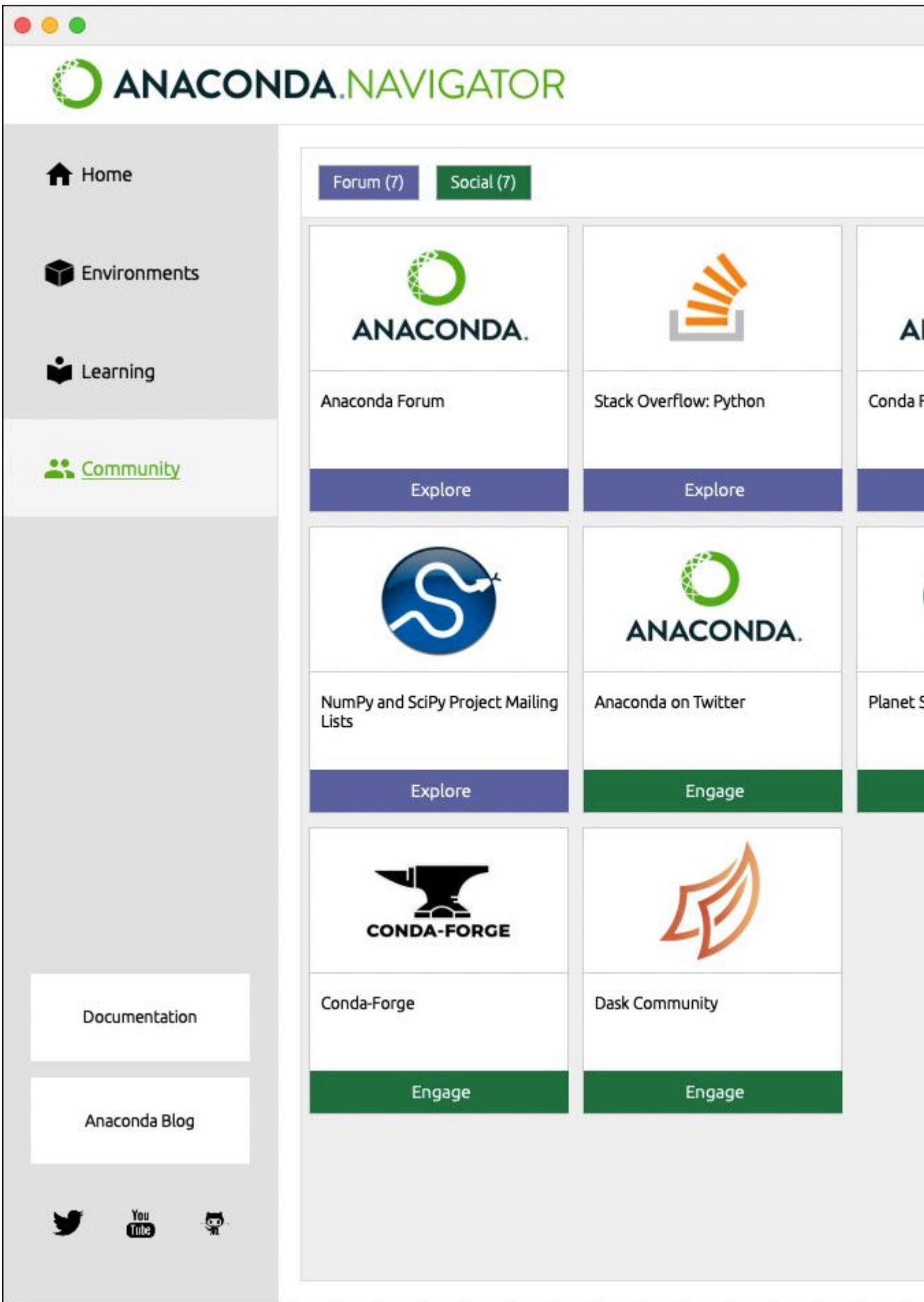scikit learn

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Community page¶

On the **Community** page, you can learn more about free support forums and social networking relating to Navigator. Click the **Forum** or **Social** buttons to filter the community tiles visible to you. Click any tile to open it in a browser window.

Tip

To get help with Anaconda and Navigator from the community, join the [Nucleus community](#).

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Forum (7)   Social (7)

ANACONDA.

Anaconda Forum

Explore

Stack Overflow: Python

Explore

Conda F

NumPy and SciPy Project Mailing Lists

Explore

ANACONDA.

Anaconda on Twitter

Engage

Planet S

CONDA-FORGE

Conda-Forge

Engage

Dask Community

Engage

File menu¶

The **Anaconda Navigator** menu (name may differ based on OS and launch method contains the following options:

About — displays information about Navigator, including a link for bug reports and feature requests. In Linux this is in the Help menu.

Preferences — allows you to set your Navigator preferences.

In the Preferences window you can:

-

Set the Anaconda.org API domain if you are going to use channels and packages from anaconda.org.

-
-

Set the Anaconda Server API domain if you are going to use channels and packages from Anaconda Server.

-
-

Set the Enterprise 4 Repository API domain if you are going to use channels and packages from your Repo 4 server.

-
-

Enable or disable SSL verification.

-
-

Optionally set a certificate to verify SSL connections.

-
-

Toggle the option to provide personally non-identifiable information to help improve the product.

-

-

Enable or disable offline mode.

-
-

Hide the offline mode dialog box.

-
-

Hide the Quit dialog box when exiting the program.

-
-

Hide the Update dialog box when starting the program.

-
-

Hide the Close running applications dialog, which normally displays when exiting the program if there are still running applications that were launched from Navigator.

-
-

Modify Navigator's display with Enable High DPI scaling option. This option can be useful if Navigator isn't displaying correctly on some high DPI screens.

-
-

Show application startup error messages.

-
-

Set the PyCharm Community Edition path if it was not installed in the default location.

-
-

Set the PyCharm Pro path if it was not installed in the default location.

-

-

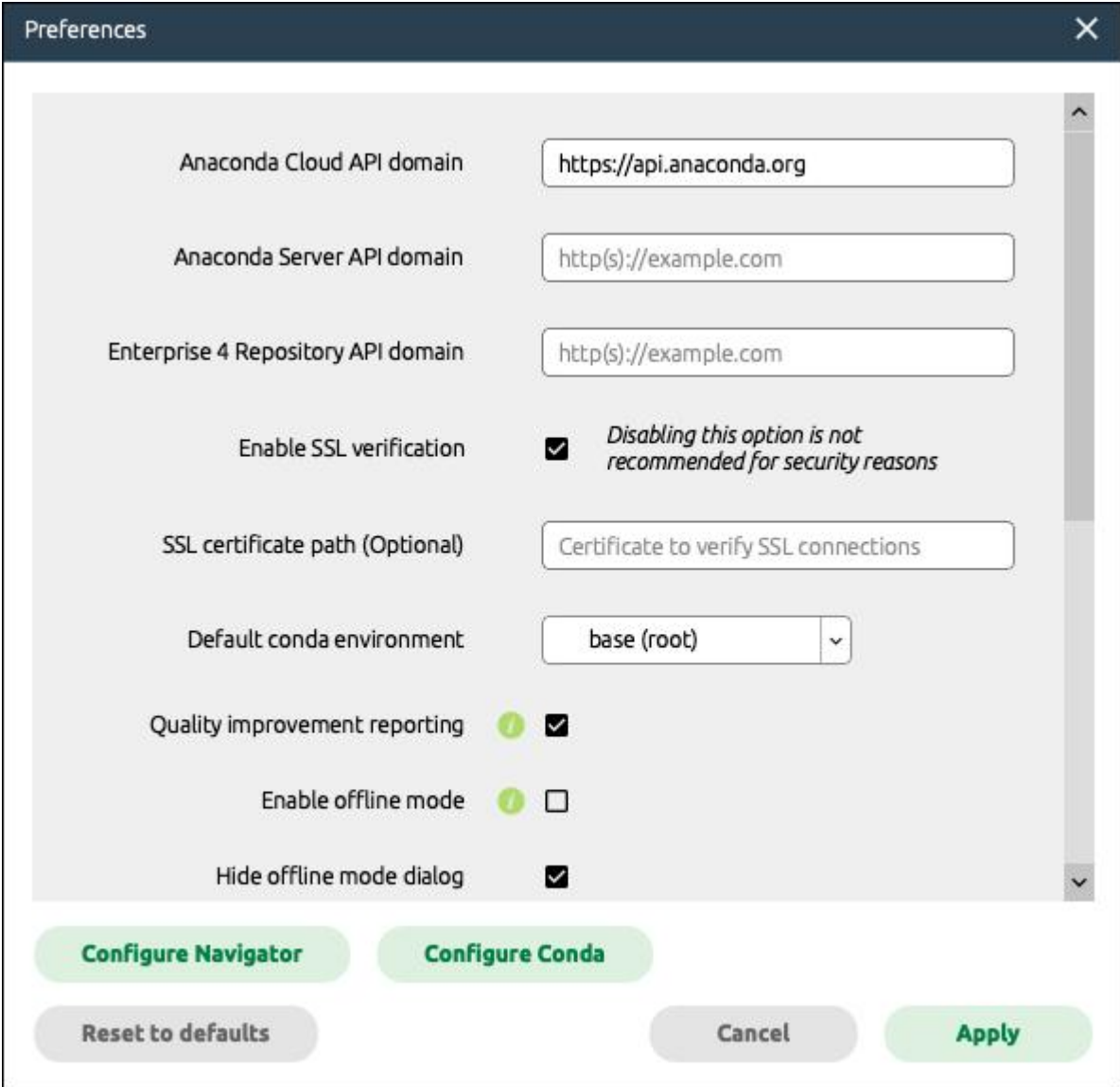Set the Visual Studio Code path if it was not installed in the default location.

-

Tip

-

Click the Reset to defaults button to change preferences back to their default values.
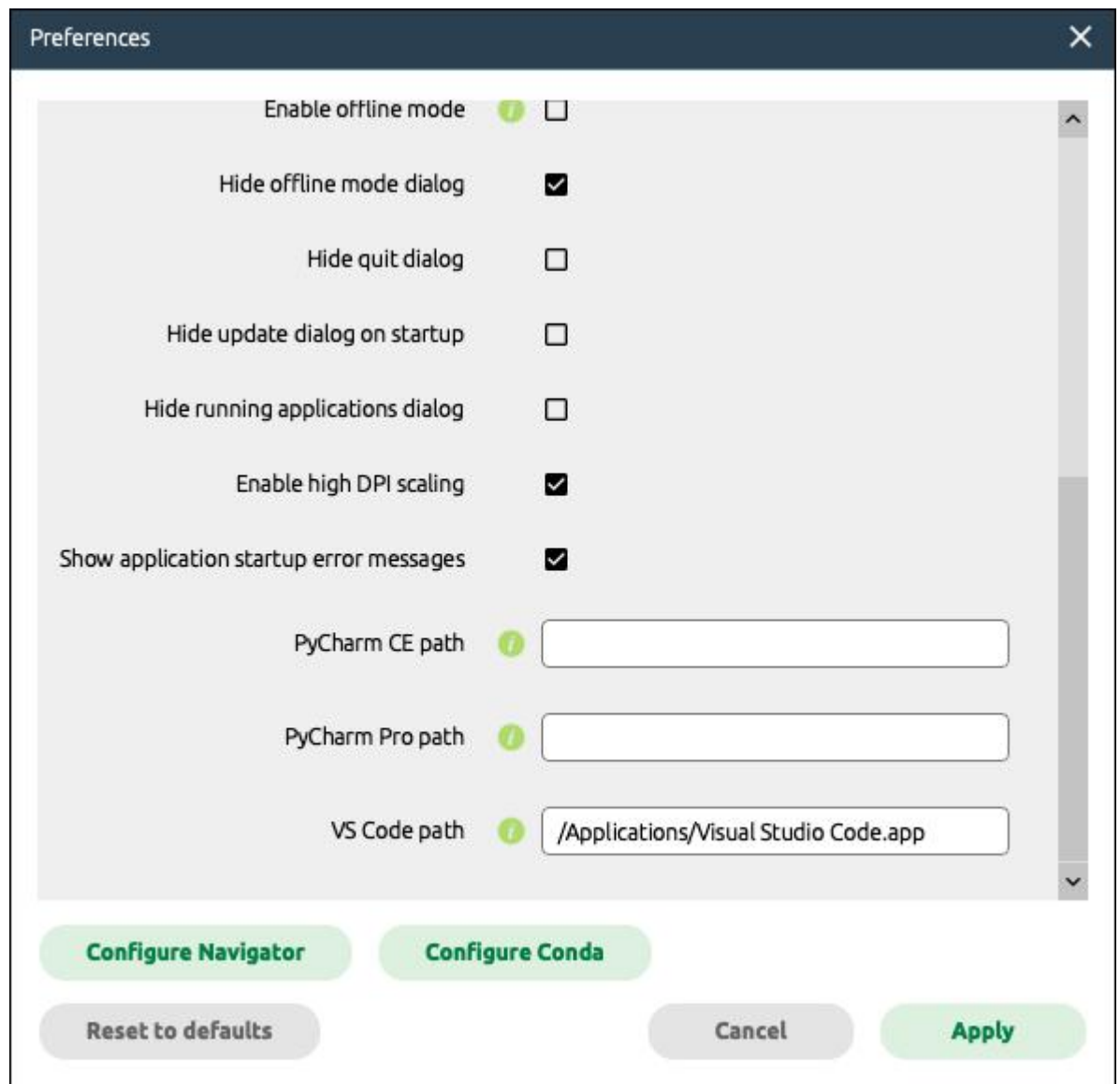
-

-

-

Caution

Be careful when changing values directly in the configuration files for Navigator or conda. Incorrect configuration can cause issues with these products.

-

Make changes to the Navigator configuration file (anaconda-navigator.ini).

-

Navigator settings (anaconda-navigator.ini)   X

```
[main]
name = Anaconda Navigator
first_run = False
hide_quit_dialog = False
hide_running_apps_dialog = False
hide_update_dialog = False
hide_offline_dialog = True
first_time_offline = True
last_status_is_offline = False
running_apps_to_close = ['anaconda-fusion']
add_default_channels = False
offline_mode = False
default_env = /Users/oklym2/anaconda3
conda_active_channels = None
logged_api_url = None
anaconda_api_url = https://api.anaconda.org
team_edition_api_url = 'http://ate-installer.dev.anaconda.com'
team_edition_token = None
team_edition_token_id = None
enterprise_4_repo_api_url = None
ssl_verification = True
ssl_certificate = None
default_anaconda_api_url = None
default_ssl_certificate = None
projects_path = None
active_project_path = None
enable_high_dpi_scaling = True
provide_analytics = True
show_application_environments = True
show_application_launch_errors = True
twitter_url = https://twitter.com/AnacondaInc
youtube_url = https://www.youtube.com/c/continuumio
github_url = https://github.com/ContinuumIO
advertisement_url = https://www.anaconda.com/api/navigator
vscode_path =
pycharm_ce_path =
pycharm_pro_path = /Applications/PyCharm.app
show_startup = False
team_edition_token_uuid = None
version = 2.0.0
geo = b'\x80\x03csip\n_unpickle_type\nq\x00X\x0c\x00\x00\x00PyQt5.QtCoreq\x01X\n
\x00\x00\x00QByteArrayq\x02C2\x01\xd9\xd0\xcb\x00\x02\x00\x00\x00\x00\x00F
```

Reset to defaults   Cancel   Save and Restart

-

Note

There is a base configuration validation tool included, so if the user misses any required section or option they will be informed through a popup box. See figure below.

Navigator settings (anaconda-navigator.ini) X

hide_running_apps_dialog = False
hide_update_dialog = False
hide_offline_dialog = True
first_time_offline = True
last_status_is_offline = False
running_apps_to_close = ['anaconda-fusion']
add_default_channels = False
offline_mode = False
default_env = /Users/okly
conda_active_channels =
logged_api_url = None
anaconda_api_url = https
team_edition_api_url = 'h
team_edition_token = No
team_edition_token_id =
enterprise_4_repo_api_u
ssl_verification = True
ssl_certificate = None
default_anaconda_api_u
default_ssl_certificate = I
projects_path = None
active_project_path = No
enable_high_dpi_scaling
provide_analytics = True
show_application_enviro
show_application_launch
vscode_path =
pycharm_ce_path =
pycharm_pro_path = /Ap
show_startup = False
team_edition_token_uuic
version = 2.0.0

Navigator Settings Save Error X

The saved data missed some sections or attributes
and could cause the issues with working Navigator!
Please fix.

```
{
    "main": [
        "twitter_url",
        "youtube_url",
        "github_url",
        "advertisement_url"
    ]
}
```

Copy text

Ok

geo = b'\x80\x03csip\n_u   01X\n
\x00\x00\x00QByteArray   IF
\x00\x00\x00\x17\x00\x0(x00\x00\x07\x7f
\x00\x00\x047\x00\x00\   x05Rq\x06.'

[home]
vscode_enable = False
pycharm_enable = False

[checkboxes]

Reset to defaults   Cancel   Save and Restart

-

Make changes to the Conda configuration file (.condarc).

-

```
Conda settings (.condarc)                                                    X

  always_yes: true
  channels:
   - defaults
  ssl_verify: true
```

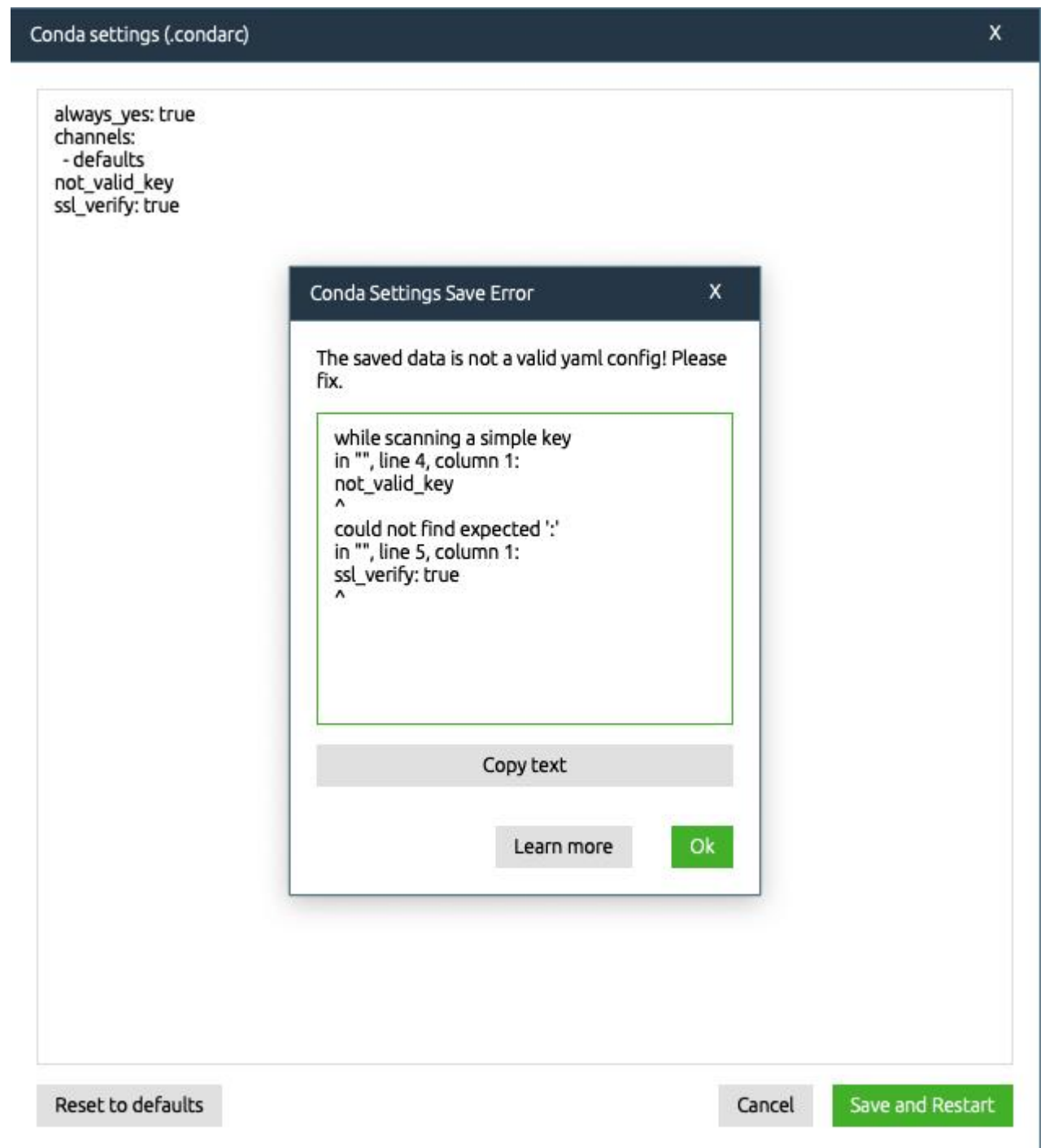Reset to defaults   Cancel   Save and Restart

-

Note

There is a base configuration validation tool included. The .condarc file must be a valid yaml format file. If the content is not in a valid yaml format, the user will receive an error. See figure below.

- Services (macOS only)–links to your computer's system preferences menu.
- Hide Anaconda-Navigator (macOS only)–hides the Navigator window.
- Hide Others (macOS only)–hides all windows except the Navigator window.
- Show All (macOS only)–shows all windows including the Navigator window.
- Quit Anaconda-Navigator–exits Navigator.

Help menu¶

The **Help** menu contains links to documentation and Navigator logs.

Search
    Allows you to search your computer's Help (Windows and macOS only).

Online documentation
    Links to this documentation, which you can read in any web browser. You can also open this documentation by clicking the Documentation button at the bottom left of the Navigator window.

Logs viewer
    Allows you to review the logs of all actions performed in Navigator in the current session. This option displays a list of log files, including navigator.log, which contains Navigator application logs, and condamanager.log, which contains logs written by the conda-manager component.

Note

A new log file is created every time you run Navigator, with a number added to the end of the file name. More recent log files have higher numbers.

Navigator window buttons¶

Connect
    Displayed at the top right. Click to sign into Nucleus or to connect to any of the free or subscription repositories Anaconda provides. Signing into a repository service will enable searching for packages within that repository.

Documentation
    Displayed at the bottom left. Click to open Navigator documentation in a browser window.

Developer Blog
    Displayed at the bottom left. Click to read what our developers have to say about Navigator development.

Social media
    Displayed at the bottom left. Click to see our Twitter, YouTube, and GitHub pages.

« Installation   Getting started with Navigator »

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