

# Anacondaの仮想環境作成方法

Anaconda Navigator

File Help

ANACONDA NAVIGATOR

Sign in to Anaconda Cloud

Home

Environments

Learning

Community

Documentation

Developer Blog



Applications on

Seminar

Channels

Refresh



JupyterLab

1.0.2

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch



Notebook

6.0.0

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Launch



Spyder

3.3.6

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Launch



VS Code

1.30.1

Streamlined code editor with support for development operations like debugging, task running and version control.

Launch



Glueviz

0.15.2

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install



Orange 3

3.23.1

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.

Install



RStudio

1.1.456

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

Install

Home

Environments

Learning

Community

Documentation

Developer Blog

Search Environments

base (root)

Seminar



Create



Clone



Import



Remove

Installed

Channels

Update index...

Search Packages

Name	Description	Version
✓ Jinja2	An easy to use stand-alone template engine written in pure python.	2.10.1
✓ jmespath	Query language for json	0.9.4
✓ joblib	Python Function as pipeline jobs.	0.13.2
✓ jpeg	Read/write jpeg com, exif, iptc metadata	9b
✓ json5		0.8.5
✓ jsonschema	An implementation of json schema validation for python	3.0.2
✓ jupyter	Jupyter metapackage. install all the jupyter components in one go.	1.0.0
✓ jupyter_client	Jupyter protocol implementation and client libraries	5.3.1
✓ jupyter_console	Jupyter terminal console	6.0.0
✓ jupyter_core	Core common functionality of jupyter projects.	4.5.0
✓ jupyterlab	Jupyterlab pre-alpha	1.0.2
✓ jupyterlab_server	A set of server components for jupyterlab and jupyterlab like applications.	1.0.0
✓ keras	Deep learning library for theano and tensorflow	2.2.4
✓ keras-applications	Applications module of the keras deep learning library.	1.0.8
✓ keras-base		2.2.4
✓ keras-preprocessing	Data preprocessing and data augmentation module of the keras deep learning library	1.1.0
✓ keyring	Store and access your passwords safely	18.0.0
✓ kiwisolver	A fast implementation of the cassowary constraint solver	1.1.0
✓ krb5	A network authentication protocol.	1.16.1
✓ lazy-object-proxy	A fast and thorough lazy object proxy.	1.4.2

324 packages available

Installed Channels Update index... Search Packages

Name	Description
✓ _anaconda_depends	
✓ _ipyw_jlab_nb_ex...	A configuration metapackage for enabling anaconda-bundled jupyter extensions
✓ _tflow_select	
✓ absl-py	Abseil python common libraries, see <a href="https://github.com/abseil/abseil-py">https://github.com/abseil/abseil-py</a> .
✓ alabaster	
✓ anaconda	
✓ anaconda-client	
✓ anaconda-project	
✓ anyqt	
✓ asn1crypto	
✓ astor	Read, rewrite, and write python asts nicely
✓ astroid	A abstract syntax tree for python with inference support.
✓ astropy	Community-developed python library for astronomy
✓ atomicwrites	Atomic file writes.
✓ attrs	Attrs is the python package that will bring back the joy of writing classes by relieving you from the drudgery of i

Create new environment

Name: Cafetalk\_1

Location: ...s\301518\AppData\Local\Continuum\anaconda3\envs\Cafetalk\_1

Packages: ☒ Python 3.6 ☐ R r

Cancel Create

好きな名前を付ける

3.6 を選択

Home

Environments

Learning

Community

Documentation

Developer Blog



Search Environments



base (root)

Cafetalk\_1

Seminar

Create Clone Import Remove

All



Channels Environments Search Packages



Allを選択

Name	Description	Version
<input type="checkbox"/> 7za		920
<input type="checkbox"/> _anaconda_depends		5.3.1
<input type="checkbox"/> _ipyw_jlab_nb_ex...	A configuration metapackage for enabling anaconda-bundled jupyter extensions	0.1.0
<input type="checkbox"/> _libarchive_static...		3.3.3
<input type="checkbox"/> _libgcc_mutex		0.1
<input type="checkbox"/> _low_priority		1.0
<input type="checkbox"/> _mutex_mxnnet	Mutex package to pin a variant of mxnnet conda package	0.0.40
<input type="checkbox"/> _py-xgboost-mutex		2.0
<input type="checkbox"/> _pytorch_select		1.2.0
<input type="checkbox"/> _r-mutex		1.0.0
<input type="checkbox"/> _r-xgboost-mutex		2.0
<input type="checkbox"/> _tflow_1100_select		0.0.3
<input type="checkbox"/> _tflow_190_select		0.0.2
<input type="checkbox"/> _tflow_select		2.3.0
<input type="checkbox"/> absl-py	Abseil python common libraries, see <a href="https://github.com/abseil/abseil-py">https://github.com/abseil/abseil-py</a> .	0.8.1
<input type="checkbox"/> aenum	Advanced enumerations (compatible with python's stdlib enum), namedtuples,	2.2.1
<input type="checkbox"/> affine	Matrices describing affine transformation of the plane.	2.3.0
<input type="checkbox"/> agate	A data analysis library that is optimized for humans instead of machines.	1.6.1
<input type="checkbox"/> agate-dbf	Agate-dbf adds read support for dbf files to agate.	0.2.1

7531 packages available

Home

Environments

Learning

Community

Documentation

Developer Blog



Search Environments

base (root)

Cafetalk\_1

Seminar

All

Channels

Update index...

Search Packages

Name	Description	Version
<input type="checkbox"/> alsa-utils-cos6-x86_64		1.1.0
<input type="checkbox"/> alsa-utils-cos7-ppc64le		1.1.3
<input type="checkbox"/> altair		3.2.0
<input type="checkbox"/> allknap		0.16.1
<input checked="" type="checkbox"/> anaconda	Simplifies package management for data science projects	custom
<input type="checkbox"/> anaconda-configuration-files	Anaconda configuration files	1.1.0
<input type="checkbox"/> anaconda-client	Anaconda.org command line client library	1.7.2
<input type="checkbox"/> anaconda-docs		2.0.30
<input type="checkbox"/> anaconda-oss-docs		1.0.5
<input type="checkbox"/> anaconda-project	Tool for encapsulating, running, and reproducing data science projects	0.8.4
<input type="checkbox"/> ansi2html	Convert text with ansi color codes to html or to latex.	1.5.2
<input type="checkbox"/> ant		1.9.9
<input type="checkbox"/> anyjson	Wraps the best available json implementation available in a common interface	0.3.3
<input type="checkbox"/> anyqt	Pyqt4/pyqt5 compatibility layer.	0.0.8
<input type="checkbox"/> apipkg	With apipkg you can control the exported namespace of a python package and greatly reduce the number of imports for your users.	1.5
<input type="checkbox"/> apispec	A pluggable api specification generator	3.0.0
<input type="checkbox"/> appdirs	A small python module for determining appropriate platform-specific dirs.	1.4.3
<input type="checkbox"/> aptools	Application tools	4.4.0

7531 packages available 1 package selected

Create Clone Import Remove

Anacondaのボックスをクリック

Applyをクリック

Apply

Clear



Home

Environments

Learning

Community

Documentation

Developer Blog



Search Environments

base (root)

Cafetalk\_1

Seminar

All

Channels

Update index...

Search Packages

Name	Description	Version
<input checked="" type="checkbox"/> numpy-base		1.17.3
<input type="checkbox"/> numpy-devel		1.9.3
<input checked="" type="checkbox"/> numpydoc	Sphinx extension to support docstrings in numpy format	0.9.1
<input type="checkbox"/> oauthlib	A generic, spec-compliant, thorough implementation of the oauth request-signing logic	3.1.0
<input type="checkbox"/> odo	Data migration in python	0.5.1
<input checked="" type="checkbox"/> opencv	Computer vision library	3.4.2
<input type="checkbox"/> openjdk	The JetBrains runtime openjdk build.	8.0.152
<input type="checkbox"/> openjpeg	An open-source jpeg 2000 codec written in c	2.3.0
<input checked="" type="checkbox"/> openpyxl	A python library to read/write excel 2010 xlsx/xlsm files	3.0.0
<input checked="" type="checkbox"/> openssl	Openssl is an open-source implementation of the ssl and tls protocols	1.1.1d
<input type="checkbox"/> opentracing	Opentracing api for python.	2.2.0
<input type="checkbox"/> opentracing_instr...	Tracing instrumentation using opentracing api (http://opentracing.io)	3.2.0
<input type="checkbox"/> opentsne		0.3.11
<input type="checkbox"/> opt_einsum		3.1.0
<input type="checkbox"/> orange-canvas-core		0.1.7
<input type="checkbox"/> orange-widget-base		4.0.1
<input type="checkbox"/> orange3	Data visualization and data analysis tool	3.23.1

7531 packages available 1 package selected

opencvのボックスをクリック

Applyをクリック  
次の操作は同様に

Apply

Clear

Home

Environments

Learning

Community

Search Environments

base (root)

Cafetalk\_1

Seminar

Installed

Installedを選択

Name	Description	Version
✓ pluggy	Plugin registration and hook calling for python	0.13.0
✓ ply	Python lex-yacc	3.11
✓ powershell_short...		0.0.1
✓ prometheus_client	Python client for the prometheus monitoring system	0.7.1
✓ prompt_toolkit	Library for building powerful interactive command lines in python	2.0.10
✓ psutil	A cross-platform process and system utilities module for python	5.6.3
✓ py	Library with cross-python path, ini-parsing, io, code, log facilities	1.8.0
✓ pycodestyle	Python style guide checker	2.5.0
✓ pycosat	Bindings to pycosat (a sat solver)	0.6.3
✓ pycparser	Complete c99 parser in pure python	2.19
✓ pycrypto	Cryptographic modules for python.	2.6.1
✓ pycurl	A python interface to the curl library	7.43.0.3
✓ pyflakes	Pyflakes analyzes programs and detects various errors.	2.1.1
✓ pygments	Generic syntax highlighting package	2.4.2
✓ pylint	Python code static checker	2.4.3
✓ pyodbc	Db api module for odbc	4.0.27
✓ pyopengl	Python wrapper module around the opengl library	19.0.0
✓ pyparsing	Create and execute simple grammars	2.4.2
✓ pynvml	Python binding of the cross-platform nvidia-smi tool kit	5.0.2

259 packages available

必要なライブラリが  
インストールされて  
いるかを確認する。  
まず、  
pandas  
numpy  
pillow (PILの代わり)  
matplotlib  
opencv  
scikit-learn  
があるか確認

Create Clone Import Remove



Documentation

Developer Blog



Home

Search Environments

Environments

Learning

Community

[Documentation](#)[Developer Blog](#)

Create



Clone



Import



Remove

Installed

Channels

Update index...

Search Packages

Name	Description	Version
<input checked="" type="checkbox"/> pluggy	Plugin registration and hook calling for python	0.13.0
<input checked="" type="checkbox"/> ply	Python lex-yacc	3.11
<input checked="" type="checkbox"/> powershell_short...		0.0.1
<input checked="" type="checkbox"/> prometheus_client	Python client for the prometheus monitoring system	0.7.1
<input checked="" type="checkbox"/> prompt_toolkit	Library for building powerful interactive command lines in python	2.0.10
<input checked="" type="checkbox"/> psutil	A cross-platform process and system utilities module for python	5.6.3
<input checked="" type="checkbox"/> py	Library with cross-python path, ini-parsing, io, code, log facilities	1.8.0
<input checked="" type="checkbox"/> pycodestyle	Python style guide checker	2.5.0
<input checked="" type="checkbox"/> pycosat	Bindings to pycosat (a sat solver)	0.6.3
<input checked="" type="checkbox"/> pycparser	Complete c99 parser in pure python	2.19
<input checked="" type="checkbox"/> pycrypto	Cryptographic modules for python.	2.6.1
<input checked="" type="checkbox"/> pycurl	A python interface to the curl library	7.43.0.3
<input checked="" type="checkbox"/> pyflakes	Pyflakes analyzes programs and detects various errors.	2.1.1
<input checked="" type="checkbox"/> pygments	Generic syntax highlighting package	2.4.2
<input checked="" type="checkbox"/> pylint	Python code static checker	2.4.3
<input checked="" type="checkbox"/> pyodbc	Db api module for odbc	4.0.27
<input checked="" type="checkbox"/> pyopenssl	Python wrapper module around the openssl library	19.0.0
<input checked="" type="checkbox"/> pyparsing	Create and execute simple grammars	2.4.2
<input checked="" type="checkbox"/> pynvml	Python binding of the cross-platform nvidia toolkit	5.0.2

259 packages available

Home

Environments

Learning

Community

Documentation

Developer Blog



Applications on

Cafetalk\_1

Channels

Refresh

JupyterLab  
1.1.4

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

Launch

Notebook  
6.0.1

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

Launch

Spyder  
3.3.6

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Launch

VS Code  
1.30.1

Streamlined code editor with support for development operations like debugging, task running and version control.

Launch

Glueviz  
0.15.2

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install

Orange 3  
3.23.1

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.

Install

RStudio  
1.1.456

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

Install

今作った仮想環境になっているか確認  
次回からは、Anacondaを起動したら、  
この仮想環境を選択する。