

# Anacondaの仮想環境作成方法

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JupyterLab

1.0.2

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

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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

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

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0.15.2

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

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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

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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

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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

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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 https://github.com/abseil/abseil-py.	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

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<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
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<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"/> apptools	Application tools	4.4.0

7531 packages available 1 package selected

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Name

Description

Version

☒ numpy-base



1.17.3

☐ numpy-devel



1.9.3

☒ numpydoc



Sphinx extension to support docstrings in numpy format

0.9.1

☐ oauthlib



A generic, spec-compliant, thorough implementation of the oauth request-signing logic

3.1.0

☐ odo



Data migration in python

0.5.1

☒ olefile



Parse, read and write microsoft ole2 files

0.46

☒ opencv



Computer vision library

3.4.2

☐ openjdk



The JetBrains runtime openjdk build.

8.0.152

☐ openjpeg



An open-source jpeg 2000 codec written in c

2.3.0

☒ openpyxl



A python library to read/write excel 2010 xlsx/xlsm files

3.0.0

☒ openssl



Openssl is an open-source implementation of the ssl and tls protocols

1.1.1d

☐ opentracing



Opentracing api for python.

2.2.0

☐ opentracing\_instr...



Tracing instrumentation using opentracing api (http://opentracing.io)

3.2.0

☐ opentsne



0.3.11

☐ opt\_einsum



3.1.0

☐ orange-canvas-core



0.1.7

☐ orange-widget-base



4.0.1

☐ orange3



Data visualization and data analysis tool

3.23.1

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1 package selected

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Description

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✓ 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

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Installedを選択

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

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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。