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12 typing_extensions

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==========

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes

2.2 and above	2.1.1	2001-now	PSF	yes

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19 OpenCV
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20 NVIDIA CUDA

https://docs.nvidia.com/cuda/eula/index.html
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NVIDIA CUDA Toolkit
Description
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Default Install Location of CUDA Toolkit
Windows platform:

%ProgramFiles%\NVIDIA GPU Computing Toolkit\CUDA\v#.#
Linux platform:

/usr/local/cuda-#.#

Mac platform:

/Developer/NVIDIA/CUDA-#.#
NVIDIA CUDA Samples
Description
This package includes over 100+ CUDA examples that demonstrate various CUDA programming principles, and efficient CUDA implementation of algorithms in specific application domains.

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%ProgramData%\NVIDIA Corporation\CUDA Samples\v#.#
Linux platform:

/usr/local/cuda-#.#/samples
and

$HOME/NVIDIA_CUDA-#.#_Samples
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NVIDIA Nsight Visual Studio Edition (Windows only)
Description
NVIDIA Nsight Development Platform, Visual Studio Edition is a development environment integrated into Microsoft Visual Studio that provides tools for debugging, profiling, analyzing and optimizing your GPU computing and graphics applications.

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%ProgramFiles(x86)%\NVIDIA Corporation\Nsight Visual Studio Edition #.#

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Component CUDA Runtime
Windows cudart.dll, cudart_static.lib, cudadevrt.lib
Mac OSX libcudart.dylib, libcudart_static.a, libcudadevrt.a
Linux libcudart.so, libcudart_static.a, libcudadevrt.a
Android libcudart.so, libcudart_static.a, libcudadevrt.a
Component CUDA FFT Library
Windows cufft.dll, cufftw.dll, cufft.lib, cufftw.lib
Mac OSX libcufft.dylib, libcufft_static.a, libcufftw.dylib, libcufftw_static.a
Linux libcufft.so, libcufft_static.a, libcufftw.so, libcufftw_static.a
Android libcufft.so, libcufft_static.a, libcufftw.so, libcufftw_static.a
Component CUDA BLAS Library
Windows cublas.dll, cublasLt.dll
Mac OSX libcublas.dylib, libcublasLt.dylib, libcublas_static.a, libcublasLt_static.a
Linux libcublas.so, libcublasLt.so, libcublas_static.a, libcublasLt_static.a
Android libcublas.so, libcublasLt.so, libcublas_static.a, libcublasLt_static.a
Component NVIDIA "Drop-in" BLAS Library
Windows nvblas.dll
Mac OSX libnvblas.dylib
Linux libnvblas.so
Component CUDA Sparse Matrix Library
Windows cusparse.dll, cusparse.lib
Mac OSX libcusparse.dylib, libcusparse_static.a
Linux libcusparse.so, libcusparse_static.a
Android libcusparse.so, libcusparse_static.a
Component CUDA Linear Solver Library
Windows cusolver.dll, cusolver.lib
Mac OSX libcusolver.dylib, libcusolver_static.a
Linux libcusolver.so, libcusolver_static.a
Android libcusolver.so, libcusolver_static.a

Component CUDA Random Number Generation Library
Windows curand.dll, curand.lib
Mac OSX libcurand.dylib, libcurand_static.a
Linux libcurand.so, libcurand_static.a
Android libcurand.so, libcurand_static.a
Component NVIDIA Performance Primitives Library
Windows nppc.dll, nppc.lib, nppial.dll, nppial.lib, nppicc.dll, nppicc.lib, nppicom.dll, nppicom.lib, nppidei.dll, nppidei.lib, nppif.dll, nppif.lib, nppig.dll, nppig.lib, nppim.dll, nppim.lib, nppist.dll, nppist.lib, nppisu.dll, nppisu.lib, nppitc.dll, nppitc.lib, npps.dll, npps.lib
Mac OSX libnppc.dylib, libnppc_static.a, libnppial.dylib, libnppial_static.a, libnppicc.dylib, libnppicc_static.a, libnppicom.dylib, libnppicom_static.a, libnppidei.dylib, libnppidei_static.a, libnppif.dylib, libnppif_static.a, libnppig.dylib, libnppig_static.a, libnppim.dylib, libnppisu_static.a, libnppitc.dylib, libnppitc_static.a, libnpps.dylib, libnpps_static.a
Linux libnppc.so, libnppc_static.a, libnppial.so, libnppial_static.a, libnppicc.so, libnppicc_static.a, libnppicom.so, libnppicom_static.a, libnppidei.so, libnppidei_static.a, libnppif.so, libnppif_static.a libnppig.so, libnppig_static.a, libnppim.so, libnppim_static.a, libnppist.so, libnppist_static.a, libnppisu.so, libnppisu_static.a, libnppitc.so libnppitc_static.a, libnpps.so, libnpps_static.a
Android libnppc.so, libnppc_static.a, libnppial.so, libnppial_static.a, libnppicc.so, libnppicc_static.a, libnppicom.so, libnppicom_static.a, libnppidei.so, libnppidei_static.a, libnppif.so, libnppif_static.a libnppig.so, libnppig_static.a, libnppim.so, libnppim_static.a, libnppist.so, libnppist_static.a, libnppisu.so, libnppisu_static.a, libnppitc.so libnppitc_static.a, libnpps.so, libnpps_static.a
Component NVIDIA JPEG Library
Linux libnvjpeg.so, libnvjpeg_static.a
Component Internal common library required for statically linking to cuBLAS, cuSPARSE, cuFFT, cuRAND, nvJPEG and NPP
Mac OSX libculibos.a
Linux libculibos.a
Component NVIDIA Runtime Compilation Library and Header
All nvrtc.h
Windows nvrtc.dll, nvrtc-builtins.dll
Mac OSX libnvrtc.dylib, libnvrtc-builtins.dylib
Linux libnvrtc.so, libnvrtc-builtins.so
Component NVIDIA Optimizing Compiler Library
Windows nvvm.dll
Mac OSX libnvvm.dylib
Linux libnvvm.so
Component NVIDIA Common Device Math Functions Library
Windows libdevice.10.bc
Mac OSX libdevice.10.bc
Linux libdevice.10.bc
Component CUDA Occupancy Calculation Header Library
All cuda_occupancy.h
Component CUDA Half Precision Headers
All cuda_fp16.h, cuda_fp16.hpp
Component CUDA Profiling Tools Interface (CUPTI) Library
Windows cupti.dll

Mac OSX libcupti.dylib
Linux libcupti.so
Component NVIDIA Tools Extension Library
Windows nvToolsExt.dll, nvToolsExt.lib
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(v. January 28, 2020)

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23 TecoGAN-PyTorch

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24 RAFT

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