Free Learn More Python The Hard Way The Next

Dask (software)

programming portal Free and open-source software portal Dask is an open-source Python library for parallel computing. Dask scales Python code from multi-core

Dask is an open-source Python library for parallel computing. Dask scales Python code from multi-core local machines to large distributed clusters in the cloud. Dask provides a familiar user interface by mirroring the APIs of other libraries in the PyData ecosystem including: Pandas, scikit-learn and NumPy. It also exposes low-level APIs that help programmers run custom algorithms in parallel.

As large-scale operating systems matured, fewer organizations allowed modifications to the operating software, and eventually such operating...

Taronga Zoo

monster Green tree python Indian star tortoise Inland taipan Lace monitor Mary River turtle Merten's water monitor Monocled cobra Pygmy python Plumed basilisk

Taronga Zoo Sydney is a government-run public zoo located in Sydney, New South Wales, Australia, in the Lower North Shore suburb of Mosman, on the shores of Sydney Harbour. It offers great views of Sydney Harbour and the city. The opening hours are between 9:30 a.m. to 4:30 p.m. (May to August) and 9:30 am to 5:00 pm (September to April). Taronga is an Aboriginal word meaning "beautiful view".

History of free and open-source software

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The history of free and open-source software begins at the advent of computer software in the early half of the 20th century. In the 1950s and 1960s, computer operating software and compilers were delivered as a part of hardware purchases without separate fees. At the time, source code—the human-readable form of software—was generally distributed with the software, providing the ability to fix bugs or add new functions. Universities were early adopters of computing technology. Many of the modifications developed by universities were openly shared, in keeping with the academic principles of sharing knowledge, and organizations sprung up to facilitate sharing.

They have been described as "functions whose execution you can pause".

Melvin Conway coined the term coroutine in 1958 when he applied it to the construction of an assembly program. The first published explanation of the coroutine appeared later, in 1963.

Python is dynamically type-checked and garbage-collected. It supports multiple programming paradigms, including structured (particularly procedural), object-oriented and functional programming.

Coroutine

in a way that resembles Python functions, and some Go, many examples showing there code converted with same number of lines and behavior. Python 2.5 implements

Coroutines are computer program components that allow execution to be suspended and resumed, generalizing subroutines for cooperative multitasking. Coroutines are well-suited for implementing familiar program components such as cooperative tasks, exceptions, event loops, iterators, infinite lists and pipes.

GNU GRUB

technologies. BITS supports scripting via Python, and includes Python APIs to access various low-level functionality of the hardware platform, including ACPI

GNU GRUB (short for GNU GRand Unified Bootloader, commonly referred to as GRUB) is a boot loader package from the GNU Project. GRUB is the reference implementation of the Free Software Foundation's Multiboot Specification, which provides a user the choice to boot one of multiple operating

systems installed on a computer set up for multi-booting or select a specific kernel configuration available on a particular operating system's partitions.

Python consistently ranks...

Guido van Rossum began working on Python in the late 1980s as a successor to the ABC programming language. Python 3.0, released in 2008, was a major revision not completely backward-compatible with earlier versions. Recent versions, such as Python 3.12, have added capabilites and keywords for typing (and more; e.g. increasing speed); helping with (optional) static typing. Currently only versions in the 3.x series are supported.

Dask is used by retail, financial, governmental organizations, as well as life science and geophysical institutes. Walmart, Wayfair, JDA, GrubHub, General Motors, Nvidia, Harvard Medical School, Capital One and NASA are among the organizations that use Dask.

This process...

GNU GRUB was developed from a package called the Grand Unified Bootloader (a play on Grand Unified Theory). It is predominantly used for Unix-like systems.

Python (programming language)

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation

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While the group's first film, And Now for Something Completely Different, was a compilation of sketches from the first two television series, Holy Grail is an original story that parodies the legend of King Arthur's quest for the Holy Grail. Thirty years later, Idle used the film as the basis for the 2005 Tony Award-winning musical Spamalot.

It was officially opened on 7 October 1916. Taronga Zoo Sydney is managed by the Zoological Parks Board of New South Wales, under the trading name Taronga Conservation Society, along with its sister zoo, the Taronga Western Plains Zoo in Dubbo.

Serialization

computing, serialization (or serialisation, also referred to as pickling in Python) is the process of translating a data structure or object state into a format

In computing, serialization (or serialisation, also referred to as pickling in Python) is the process of translating a data structure or object state into a format that can be stored (e.g. files in secondary storage devices, data buffers in primary storage devices) or transmitted (e.g. data streams over computer networks) and reconstructed later (possibly in a different computer environment). When the resulting series of bits is reread according to the serialization format, it can be used to create a semantically identical clone of the original object. For many complex objects, such as those that make extensive use of references, this process is not straightforward. Serialization of objects does not include any of their associated methods with which they were previously linked.

Monty Python and the Holy Grail

Monty Python and the Holy Grail is a 1975 British comedy film based on the Arthurian legend, written and performed by the Monty Python comedy group (Graham

Monty Python and the Holy Grail is a 1975 British comedy film based on the Arthurian legend, written and performed by the Monty Python comedy group (Graham Chapman, John Cleese, Terry Gilliam, Eric Idle, Terry Jones, and Michael Palin) and directed by Gilliam and Jones in their feature directorial debuts. It was conceived during the hiatus between the third and fourth series of their BBC Television series Monty Python's Flying Circus.

Symbol table

the symbol is local and upper-case indicates external (global) linkage. The Python programming language includes extensive support for creating and manipulating

In computer science, a symbol table is a data structure used by a language translator such as a compiler or interpreter, where each identifier, symbol, constant, procedure and function in a program's source code is associated with information relating to its declaration or appearance in the source. In other words, the entries of a symbol table store the information related to the entry's corresponding symbol.

Dask was created by Matthew Rocklin in December 2014 and has over 9.8k stars and 500 contributors on GitHub.

Monty Python and...

Divided into various zoogeographic regions, the 28-hectare (69-acre) Taronga Zoo Sydney is home to more than 5,000 animals of approximately 350 different species...

Comparison of open-source configuration management software

languages. Synctool Synctool aims to be easy to understand, learn and use. It is written in Python and makes use of SSH (passwordless, with host-based or key-based

This is a comparison of notable free and open-source configuration management software, suitable for tasks like server configuration, orchestration and infrastructure as code typically performed by a system administrator.

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