

Glossary

call graph

A graph consisting of nodes which represent function frames (or invocations), and directed edges (lines with arrows) showing which frames gave rise to other frames.

dictionary

A collection of key-value pairs that maps from keys to values. The keys can be any immutable type, and the values can be any type.

key

A data item that is *mapped to* a value in a dictionary. Keys are used to look up values in a dictionary.

key-value pair

One of the pairs of items in a dictionary. Values are looked up in a dictionary by key.

mapping type

A mapping type is a data type comprised of a collection of keys and associated values. Python's only built-in mapping type is the dictionary. Dictionaries implement the associative array (http://en.wikipedia.org/wiki/Associative_array) abstract data type.

memo

Temporary storage of precomputed values to avoid duplicating the same computation.

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