
doppel-cli Documentation

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API DOCUMENTATION

1.1 Main Interface

class `doppel.PackageAPI` (*pkg_dict*)
Package API class

This class is used to hold the interface of a given package being analyzed by doppel. It's comparison operators enable comparison between interfaces and its standard JSON format allows this comparison to happen across programming languages.

class_names ()

classmethod **from_json** (*filename*)
Instantiate a Package object from a file.

Parameters **filename** (*str*) – Name of the JSON file that contains the description of the target package's API.

function_names ()

functions_with_args ()

name ()

num_classes ()

num_functions ()

public_method_args (*class_name, method_name*)

public_methods (*class_name*)

class `doppel.PackageCollection` (*packages*)

all_classes ()
List of all classes that exist in at least one of the packages.

Return type `List[str]`

all_functions ()
List of all functions that exist in at least one of the packages.

Return type `List[str]`

non_shared_classes ()
List of all classes that are present in at least one but not ALL packages

Return type `List[str]`

non_shared_functions()

List of all functions that are present in at least one but not ALL packages

Return type `List[str]`

package_names()

Return type `List[str]`

shared_classes()

List of shared classes across all the packages in the collection

Return type `List[str]`

shared_functions()

List of shared functions across all the packages in the collection

Return type `List[str]`

shared_methods_by_class()

List of public methods in each shared class across all packages

Return type `Dict[str, List[str]]`

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