trivial-documentation API Documentation

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Table of Contents

1 trivial-documentation

Extract documentation and definitions for symbols and packages.

1.1 package-api (Function)

Syntax:

— Function: **package-api** *package*

Arguments and Values:

package—a *package* or a *string designator* naming a *package*.

Description:

`extract-api` compiles and returns a *property list* mapping the external symbols of *package* to lists of definitions as returned by `symbol-definitions`. The returned *property list* is in alphabetical order (by comparing the keys).

1.2 symbol-definitions (Function)

Syntax:

— Function: **symbol-definitions** *symbol*

Arguments and Values:

symbol—a symbol.

Description:

`symbol-definitions` compiles and returns a list of definitions for *symbol*. Each definition is a *property list* containing at least two *properties*:

- `:kind`—one of `:constant`, `:variable`, `:function`, `:generic-function`, `:macro`, `:structure`, `:class` or `:type`.
- `:documentation`—the respective documentation string or `nil`.

Definitions of kind `:constant` and `:variable` have an additional *property* `:value` which holds the initial value of the constant or variable.

Definitions of kind `:function`, `:generic-function` and `:macro` have an additional *property* `:lambda-list` which holds the lambda list of the (generic) function or macro.

Definitions of kind `:class` have two additional *properties* `:precedence-list` and `:initargs` which hold the class precedence list and initialization arguments of the class.