
CACHEOBJECT

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INTRODUCTION

The file CACHEOBJECT defines a Loops mixin that defines a protocol for instances that cache computed values.

CLASSES

ObjectWithCache [Class]

Instance of the class ObjectWithCache follow a standard protocol for manipulating a dynamic cache. The cache is not stored when an ObjectWithCache is saved on a file.

($\leftarrow \text{self}$ ClearCache) [Method of ObjectWithCache]

Clears the entire cache of *self*.

($\leftarrow \text{self}$ ClearCacheEntry *name*) [Method of ObjectWithCache]

Removes the cache entry for *name* on *self*.

($\leftarrow \text{self}$ GetCache *name*) [Function]

Returns the value of the cache entry for *name* on *self*. If there is no cached value, returns NIL.

($\leftarrow \text{self}$ PutCache *name* *datum*) [Function]

Stores *datum* as the value of the cache entry for *name* on *self*. Returns *datum*.