CACHEOBJECT

By: sML (Lanning.pa@Xerox.com)

4-Sep-86

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.

(← *self* ClearCache) [Method of ObjectWithCache]

Clears the entire cache of *self*.

(← *self* ClearCacheEntry *name*) [Method of ObjectWithCache]

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

(← *self* GetCache *name*) [Function]

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

(← *self* PutCache *name datum*) [Function]

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