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Developers   ⌄

CacheBuilder Interface ☰

CacheBuilder Interface

An interface for safely retrieving and removing values from a session or org cache. Use the interface to generate a value that you want to store in the cache. The interface checks for cache misses, which means you no longer need to check for null cache values yourself.

Namespace

Cache

- **CacheBuilder Methods**
- **CacheBuilder Example Implementation**

See Also

- *Apex Developer Guide*: Safely Cache Values with the CacheBuilder Interface

CacheBuilder Methods

The following are methods for `CacheBuilder`.

- **doLoad(var)**
  Contains the logic that builds a cached value. You don't call this method directly. Instead, it's called indirectly when you reference the class that implements the `CacheBuilder` interface.

doLoad(var)

Contains the logic that builds a cached value. You don't call this method directly. Instead, it's called indirectly when you reference the class that implements the `CacheBuilder` interface.

Signature

```
public Object doLoad(String var)
```

Parameters

var

Type: String

A case-sensitive string value used to build a cached value. This parameter is also used as part of the unique key that identifies the cached value.

Return Value

Type: Object

The value that was cached. Cast the return value to the appropriate type.

CacheBuilder Example Implementation

```
class UserInfoCache implements Cache.CacheBuilder {
    public Object doLoad(String userid) {
        User u = (User)[SELECT Id, IsActive, username FROM User WHERE id =: userid];
        return u;
    }
}
```

This example gets a cached User record based on a user ID. If the value exists in the org cache, it is returned. If the value doesn't exist, the `doLoad(String var)` method is re-executed, and the new value is cached and returned.

```
User batman = (User) Cache.Org.get(UserInfoCache.class, '00541000000ek4c');
```

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