

[AppKit](#) / `NSUserDefaultsController`

Class

NSUserDefaultsController

A controller that accesses user preference information for your app from the user's defaults database.

macOS

```
class NSUserDefaultsController
```

Overview

`NSUserDefaultsController` is a Cocoa bindings–compatible controller class. Properties of the shared instance of this class can be bound to user interface elements to access and modify values stored in [UserDefaults](#).

Topics

Obtaining the shared instance

```
class var shared: NSUserDefaultsController
```

Returns the shared instance of `NSUserDefaultsController`, creating it if necessary.

Initializing a user defaults controller

```
init(defaults: UserDefaults?, initialValues: [String : Any]?)
```

Returns an initialized `NSUserDefaultsController` object using the `NSUserDefaults` instance specified in `defaults` and the initial default values contained in the `initialValues`

dictionary.

```
init?(coder: NSCoder)
```

Managing user defaults values

```
var defaults: UserDefaults
```

Returns the instance of NSUserDefaults in use by the receiver.

```
var initialValues: [String : Any]?
```

Returns a dictionary containing the receiver's initial default values.

```
var hasUnappliedChanges: Bool
```

Returns whether the receiver has user default values that have not been saved to NSUserDefaults.

```
var appliesImmediately: Bool
```

Returns whether any changes made to bound user default properties are saved immediately.

```
var values: Any
```

Returns a key value coding compliant object that is used to access the user default properties.

```
func revert
```

Causes the receiver to discard any unsaved changes to bound user default properties, restoring their previous values.

```
func revertToInitialValues
```

Causes the receiver to discard all edits and replace the values of all the user default properties with any corresponding values in the initialValues dictionary.

```
func save
```

Saves the values of the receiver's user default properties.

Relationships

Inherits From

NSController

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSCoding
NSEditor
NSEditorRegistration
NSObjectProtocol
Sendable
SendableMetatype

See Also

User Preferences

`class NSUbiquitousKeyValueStore`

An iCloud-based container of key-value pairs you use to share data among instances of your app running on a user's connected devices.