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There might be a more efficient way, but an extension would probably be most straightforward:

```
extension Array where Element: Equatable {
    var unique: [Element] {
        var uniqueValues: [Element] = []
        forEach { item in
            guard !uniqueValues.contains(item) else { return }
            uniqueValues.append(item)
        }
        return uniqueValues
    }
}
```

If order doesn't matter and objects are also hashable:

```
let array = ["one", "one", "two", "two", "three", "three"]
// order NOT guaranteed
let unique = Array(Set(array))
// ["three", "one", "two"]
```

ShareImprove this answerFollowedited Mar 16, 2021 at 19:54answered Dec 23, 2014 at 16:41Logan52.7k21100129

3

The first example is clean and simple. Works in Swift 3. Thanks! – Canucklesandwich Mar 6, 2017 at 22:21

4

Array(Set()) works in Swift 4 as well. Great solution. Thanks. – Anjan Biswas Dec 30, 2017 at 7:16

3

Negative. You may get a random order by using set. – BB9z Jun 23, 2019 at 10:11

9

@BB9z I pointed that out in the answer, and also provided an extension that will preserve order, so don't know what you want here :) – Logan Jun 23, 2019 at 13:04

1

First variant has bad performance characteristics on big data set. Be cautious. – Aliaksandr Bialiauski Jun 12, 2021 at 8:56

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There isn't a function to do this in the Swift standard library, but you could write one:

array

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