

[Contacts](#) / CNPostalAddressFormatter

Class

CNPostalAddressFormatter

An object that you use to format a contact's postal addresses.

iOS 9.0+ | iPadOS 9.0+ | Mac Catalyst 13.1+ | macOS 10.11+ | visionOS 1.0+ | watchOS 2.0+

```
class CNPostalAddressFormatter
```

Overview

A `CNPostalAddressFormatter` object handles international formatting of postal addresses. It is recommended that you create an instance of this class when formatting many postal addresses, and use the instance methods; otherwise use the class methods.

Topics

Generating a formatted attributed string

```
func attributedString(from: CNPostalAddress, withDefaultAttributes: [AnyHashable : Any]) -> NSAttributedString
```

Returns a formatted postal address as an attributed string.

```
class func attributedString(from: CNPostalAddress, style: CNPostalAddressFormatterStyle, withDefaultAttributes: [AnyHashable : Any]) -> NSAttributedString
```

Returns a postal address as an attributed string and formatted for the specified style.

```
let CNPostalAddressPropertyAttribute: String
```

An attribute that identifies the purpose of a range of characters in an attributed string.

```
let CNPostalAddressLocalizedPropertyNameAttribute: String
```

An attribute that identifies the localized property of postal address.

Generating a formatted string

```
func string(from: CNPostalAddress) -> String
```

Returns a formatted postal address.

```
class func string(from: CNPostalAddress, style: CNPostalAddress  
FormatterStyle) -> String
```

Returns a postal address as a string and formatted for the specified style.

Specifying the formatting style

```
var style: CNPostalAddressFormatterStyle
```

The style to apply when formatting strings.

```
enum CNPostalAddressFormatterStyle
```

Constants for postal formatting styles.

Getting the postal attribute keys

```
let CNPostalAddressCityKey: String
```

The city of the address.

```
let CNPostalAddressCountryKey: String
```

The country or region name of the address.

```
let CNPostalAddressISOCountryCodeKey: String
```

The ISO country code of the address.

```
let CNPostalAddressPostalCodeKey: String
```

The postal code of the address.

```
let CNPostalAddressStateKey: String
```

The state name of the address.

```
let CNPostalAddressStreetKey: String
```

The street name of the address.

```
let CNPostalAddressSubAdministrativeAreaKey: String
```

The subadministrative area of the address.

```
let CNPostalAddressSubLocalityKey: String
```

The sublocality of the address.

Relationships

Inherits From

Formatter

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCoding

NSCopying

NSObjectProtocol

See Also

Formatters

```
class CNContactFormatter
```

An object that you use to format contact information before displaying it to the user.

```
class CNContactVCardSerialization
```

An object you use to convert to and from a vCard representation of the user's contacts.

```
class CNContactsUserDefaults
```

An object that defines the default options to use when displaying contacts.