Structure

PersonNameComponents

The separate parts of a person's name, allowing locale-aware formatting.

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

```
struct PersonNameComponents
```

Topics

Creating Person Name Components

`init()`

Initializes a new person name components structure.

Accessing Person Name Components

`var namePrefix: String?`

The portion of a name's full form of address that precedes the name itself.

`var givenName: String?`

Name bestowed upon an individual to differentiate them from other members of a group that share a family name.

`var middleName: String?`

Secondary name bestowed upon an individual to differentiate them from others that have the same given name.

`var familyName: String?`

Name bestowed upon an individual to denote membership in a group or family.

var nameSuffix: String?

The portion of a name's full form of address that follows the name itself.

var nickname: String?

Name substituted for the purposes of familiarity.

var phoneticRepresentation: PersonNameComponents?

The phonetic representation name components of the receiver.

Formatting Person Name Components

func formatted() -> String

Generates a locale-aware string representation of an instance of person name components using the default format style.

func formatted<S>(S) -> S.FormatOutput

Generates a locale-aware string representation of an instance of person name components using the provided format style.

struct FormatStyle

A type used to format a person's name with a style appropriate for the given locale.

Using Reference Types

class NSPersonNameComponents

An object that manages the separate parts of a person's name to allow locale-aware formatting.

Structures

struct AttributedStyle

struct ParseStrategy

Initializers

init(String) throws

Creates a person name components object from a given string.

```
init<S>(S.ParseInput, strategy: S) throws
```
Creates a person name components object from a given string by applying the provided parsing strategy.

```
init(namePrefix: String?, givenName: String?, middleName: String?,
familyName: String?, nameSuffix: String?, nickname: String?, phonetic
Representation: PersonNameComponents?)
```

Relationships

Conforms To

```
Copyable
CustomDebugStringConvertible
CustomReflectable
CustomStringConvertible
Decodable
Encodable
Equatable
Hashable
ReferenceConvertible
Sendable
SendableMetatype
```

See Also

Names

```
class PersonNameComponentsFormatter
```
A formatter that provides localized representations of the components of a person's name.