

[App Intents](#) / IntentParameter

Class

IntentParameter

A property wrapper that indicates the associated property is an input argument of the app intent.

iOS 16.0+ | iPadOS 16.0+ | Mac Catalyst | macOS 13.0+ | tvOS 16.0+ | visionOS | watchOS 9.0+

```
@propertyWrapper  
final class IntentParameter<Value> where Value : _IntentValue, Value : Sendable
```

Mentioned in

 Adding parameters to an app intent

Overview

When you implement an [AppIntent](#) type, declare its parameters using the `@Parameter` property wrapper.

Topics

Creating an intent parameter for primitive types

 Integers

Configure the details for parameter variables that contain integers.

 Doubles

Configure the details for parameter variables that contain floating-point values.

Booleans

Configure the details for parameter variables that contain Boolean values.

Strings

Configure the details for parameter variables that contain strings or attributed strings.

URLs

Configure the details for parameter variables that contain URLs.

Creating an intent parameter for common framework types

Dates

Configure the details for parameter variables that contain date values.

Date components

Configure the details for parameter variables that contain date components.

Files

Configure the details for parameter variables that contain files.

Currencies

Configure the details for parameter variables that contain currency values.

Payments

Configure the details for parameter variables that contain payment-related values.

People

Configure the details for parameter variables that contain references to people.

Placemarks

Configure the details for parameter variables that contain a geographic location.

Measurements

Configure the details for parameter variables that contain, among others, temperature, mass, speed, energy, duration, length, and volume values.

Creating an intent parameter for custom types

App entities

Configure the details for parameter variables that contain custom app entities.

☰ App enums

Configure the details for parameter variables that contain custom app enums.

Accessing the underlying value

```
let defaultValue: Value.UnwrappedType?
```

```
var projectedValue: IntentParameter<Value>
```

```
var wrappedValue: Value
```

```
var valueState: IntentParameter<Value>.ValueState
```

Check if an IntentParameter was provided an initial value

```
enum ValueState
```

Indicates whether an IntentParameter was provided an initial value or if it was unset

Requesting a value

```
func requestValue(IntentDialog?) async throws -> Value.ValueType
```

Request a value from the user for this parameter.

```
func needsValueError(IntentDialog?) -> AppIntentError
```

Returns a restartPerform error with context to request a value from the user for this parameter and re-perform the intent with the new value.

Requesting confirmation

```
func requestConfirmation(for: Value.ValueType, dialog: IntentDialog?)  
async throws -> Bool
```

Request that the user confirm the parameter value.

```
func requestConfirmation<ViewType>(for: Value.ValueType, dialog: Intent  
Dialog?, view: ViewType) async throws -> Bool
```

Use requestConfirmation when you need to ask the user to confirm the parameter value.

```
func requestConfirmation<ViewType>(for: Value.ValueType, dialog: Intent  
Dialog?, view: () -> ViewType) async throws -> Bool
```

Use `requestConfirmation` when you need to ask the user to confirm the parameter value.

Requesting disambiguation

```
func requestDisambiguation(along: [Value.ValueType], dialog: IntentDialog?) async throws -> Value.ValueType
```

Request that the user disambiguate amongst an array of values for this parameter.

```
func needsDisambiguationError(along: [Value.ValueType], dialog: IntentDialog?) -> AppIntentError
```

Returns a `restartPerform` error with context for the user to disambiguate amongst an array of values from this parameter and re-perform the intent with the new value.

Deprecated

☰ Deprecated symbols

Review unsupported symbols and their replacements.

Initializers

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, controlStyle: IntentParameter<Value>.DoubleControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, controlStyle: IntentParameter<Value>.IntControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, controlStyle: IntentParameter<Value>.IntControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, controlStyle: IntentParameter<Value>.DoubleControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, controlStyle: IntentParameter<Value>.IntControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, controlStyle: IntentParameter<Value>.DoubleControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, controlStyle: IntentParameter<Value>.IntControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, controlStyle: IntentParameter<Value>.DoubleControlStyle, inclusiveRange: IntentParameter<Value>.InclusiveRange<Value.ValueType>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, currencyCodes: [String], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, currencyCodes: [String], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, currencyCodes: [String], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, currencyCodes: [String], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayName: Bool.IntentDisplayName?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayName: Bool.IntentDisplayName?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, inputOptions: String.IntentInputOptions?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, inputOptions: String.IntentInputOptions?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: [Value.ValueType?], requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?,
```

```
inputConnectionBehavior: InputConnectionBehavior, optionsProvider:  
OptionsProvider)  
  
convenience init<OptionsProvider>(description: LocalizedStringResource  
, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?,  
inputConnectionBehavior: InputConnectionBehavior, optionsProvider:  
OptionsProvider)  
Creates an app intent parameter with a list of selectable options.  
  
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, default: Value.UnwrappedType?, requestCodeDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, options  
Provider: OptionsProvider, resolvers: () -> Spec)  
  
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, default: Value.UnwrappedType?, requestCodeDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, options  
Provider: OptionsProvider, resolvers: () -> Spec)  
Creates an app intent parameter with a list of selectable options that can convert the  
selected value.  
  
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, default: Value.UnwrappedType?, requestCodeDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, options  
Provider: OptionsProvider, resolvers: () -> Spec)  
Creates an app intent parameter with a list of selectable options that can convert the  
selected value.  
  
convenience init<Spec>(description: LocalizedStringResource?, default:  
Value.UnwrappedType?, requestCodeDialog: IntentDialog?, input  
ConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)  
Creates an app intent parameter that can convert the selected value.  
  
convenience init<Spec>(description: LocalizedStringResource?, default:  
Value.UnwrappedType?, requestCodeDialog: IntentDialog?, input  
ConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)  
Creates an app intent parameter that can convert the selected value.
```

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: [Value.ValueType?], requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter with an entity search query.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType])
```

Creates an app intent parameter.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType])
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType], optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType], optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType], resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, requestCodeDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.ValueType], resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestCodeDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter with an entity search query.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestCodeDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Query>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Spec>(description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricPotentialDifference?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Length?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Power?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Dispersion?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Speed?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Mass?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Duration?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Angle?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ConcentrationMass?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Illuminance?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricResistance?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Frequency?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Pressure?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Acceleration?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Temperature?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.FuelEfficiency?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Energy?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.InformationStorage?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricCurrent?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricCharge?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Volume?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Area?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricResistance?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Frequency?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.InformationStorage?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Pressure?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricCurrent?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Speed?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Duration?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricCharge?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Angle?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Dispersion?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Energy?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Acceleration?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Area?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Temperature?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ElectricPotentialDifference?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Power?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.ConcentrationMass?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Length?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Volume?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Mass?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.Illuminance?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, defaultUnit: IntentParameter<Value>.FuelEfficiency?, defaultUnitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter with a default unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Length, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.FuelEfficiency, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricCharge, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Speed, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Area, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Angle, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Mass, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Duration, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ConcentrationMass, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Energy, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricResistance, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Pressure, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Frequency, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.InformationStorage, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Dispersion, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Acceleration, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Power, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricCurrent, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Illuminance, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricPotentialDifference, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Volume, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Temperature, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricCurrent, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Duration, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricCharge, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Illuminance, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Speed, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Area, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Power, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Volume, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Pressure, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricResistance, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Length, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Acceleration, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.FuelEfficiency, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Frequency, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.InformationStorage, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestBodyDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Temperature, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Dispersion, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ConcentrationMass, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Energy, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.ElectricPotentialDifference, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Angle, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<Spec>(description: LocalizedStringResource?, defaultValue: Double?, unit: IntentParameter<Value>.Mass, unitAdjustForLocale: Bool, supportsNegativeNumbers: Bool, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that specifies the unit for the measurement.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, inputOptions: String.IntentInputOptions?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedStringResource?, inputOptions: String.IntentInputOptions?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init(description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

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convenience init<OptionsProvider>(description: LocalizedStringResource  
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ConnectionBehavior, optionsProvider: OptionsProvider)
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convenience init<OptionsProvider>(description: LocalizedStringResource  
?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
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Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(description: LocalizedStringResource  
?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers:  
() -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers:  
() -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
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Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
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Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

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convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(description: LocalizedString  
Resource?, requestCodeDialog: IntentDialog?, inputConnectionBehavior:  
InputConnectionBehavior, resolvers: () -> Spec, optionsProvider:  
OptionsProvider)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: Localized  
StringResource?, default: Value.UnwrappedType?, currencyCodes: [String  
], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?,  
requestCodeDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
currencyCodes: [String], inclusiveRange: IntentParameter<Value>  
.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, input  
ConnectionBehavior: InputConnectionBehavior, optionsProvider: Options  
Provider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
currencyCodes: [String], inclusiveRange: IntentParameter<Value>  
.InclusiveRange<Decimal>?, requestCodeDialog: IntentDialog?, input  
ConnectionBehavior: InputConnectionBehavior, optionsProvider: Options  
Provider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, currencyCodes: [String], inclusiveRange: IntentParameter<Value>.InclusiveRange<Decimal>?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, displayStyle: IntentParameter<Value>.PlacemarkDisplayStyle, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, kind: IntentParameter<Value>.DateKind, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, mode: IntentPerson.ParameterMode, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, requestCodeDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
requestValueDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () ->  
Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
requestValueDialog: IntentDialog?, inputConnectionBehavior: Input  
ConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () ->  
Spec)
```

```
convenience init<Spec>(title: LocalizedStringResource, description:  
LocalizedStringResource?, default: Value.UnwrappedType?, requestValue  
Dialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior  
, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description:  
LocalizedStringResource?, default: Value.UnwrappedType?, requestValue  
Dialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior  
, resolvers: () -> Spec)
```

```
convenience init<Spec>(title: LocalizedStringResource, description:  
LocalizedStringResource?, default: Value.UnwrappedType?, requestValue  
Dialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior  
, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init<OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
requestValueDialog: IntentDialog?, requestDisambiguationDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, options  
Provider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
requestValueDialog: IntentDialog?, requestDisambiguationDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, options  
Provider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: Localized  
StringResource?, default: Value.UnwrappedType?, requestValueDialog:  
IntentDialog?, requestDisambiguationDialog: IntentDialog?, input  
ConnectionBehavior: InputConnectionBehavior, supportedValues: [Value.  
ValueType])
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource,  
description: LocalizedStringResource?, default: Value.UnwrappedType?,  
requestValueDialog: IntentDialog?, requestDisambiguationDialog: Intent  
Dialog?, inputConnectionBehavior: InputConnectionBehavior, supported  
Values: [Value.ValueType], optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec>(title: LocalizedStringResource, description:  
LocalizedStringResource?, default: Value.UnwrappedType?, requestValue  
Dialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?,  
inputConnectionBehavior: InputConnectionBehavior, supportedValues: [  
Value.ValueType], resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: Localized  
StringResource?, default: Value.UnwrappedType?, size: [IntentWidget  
Family : IntentCollectionSize], inputConnectionBehavior: Input  
ConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(title: LocalizedStringResource, description: Localized  
StringResource?, default: Value.UnwrappedType?, size: IntentCollection  
Size, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Query>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, size: [Intent WidgetFamily : IntentCollectionSize], inputConnectionBehavior: Input ConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Query>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, size: Intent CollectionSize, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, size: [Intent WidgetFamily : IntentCollectionSize], inputConnectionBehavior: Input ConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, size: Intent CollectionSize, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(title: LocalizedStringResource, description: Localized StringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog?, inputConnection Behavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog ?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog ?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init<OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider)
```

Creates an app intent parameter with a list of selectable options.

```
convenience init<Spec, OptionsProvider>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, optionsProvider: OptionsProvider, resolvers: () -> Spec)
```

Creates an app intent parameter with a list of selectable options that can convert the selected value.

```
convenience init<Query>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter with an entity search query.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, requestValueDialog: IntentDialog?, requestDisambiguationDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter that can convert the selected value.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Query>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init<Query>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, query: Query)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: IntentCollectionSize, inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size.

```
convenience init<Spec>(title: LocalizedStringResource, description: LocalizedStringResource?, default: Value.UnwrappedType?, supportedContentTypes: Array<UTType>?, size: [IntentWidgetFamily : IntentCollectionSize], inputConnectionBehavior: InputConnectionBehavior, resolvers: () -> Spec)
```

Creates an app intent parameter for an array with a specified size per widget family.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Creates an app intent parameter.

```
convenience init(title: LocalizedStringResource, description: LocalizedStringResource?, requestValueDialog: IntentDialog?, inputConnectionBehavior: InputConnectionBehavior)
```

Relationships

Conforms To

AnyIntentValue

Conforms when `Value` conforms to `_IntentValue` and `Sendable`.

Copyable

Sendable

SendableMetatype

See Also

Intent parameters

`class IntentParameterDependency`

A property wrapper that represents an app intent dependency you use to provide dynamic options.

`struct IntentParameterContext`

A type that provides information about an associated parameter during value resolution.

```
enum InputConnectionBehavior
```

Describes the input behaviors for connecting a parameter to the output of the previous App Intent.