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## Instance Method

# perform()




Performs the intent after resolving the provided parameters.

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

```
func perform() async throws -> Self.PerformResult
```

Required Default implementations provided.

## Mentioned in

-  Responding to the Action button on Apple Watch Ultra
-  Creating your first app intent
-  Integrating custom data types into your intents

## Discussion

In the body of this function, validate your parameters and provide the system with information about needed parameter values or user clarification.

## Default Implementations

### AppIntent Implementations

```
func perform() async throws -> Self.NeverResult
```

A default implementation that throws an error rather than perform an intent.

```
func perform() async throws -> Self.NeverResult
func perform() async throws -> Never
func perform() async throws -> some IntentResult
func perform() async throws -> Never
func perform() async throws -> some IntentResult
func perform() async throws -> some IntentResult
func perform() async throws -> Never
```

## UISceneAppIntent Implementations

```
func perform() async throws -> some IntentResult
func perform() async throws -> some IntentResult
```

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## See Also

### Performing the action

```
var systemContext: IntentSystemContext
```

Context information that's available while the system performs the app intent's action.

```
associatedtype PerformResult : IntentResult
```

**Required**