

[Hummingbird](#) / ChildRequestContext

Protocol

# ChildRequestContext

A RequestContext that can be initialized from another RequestContext.

```
protocol ChildRequestContext<ParentContext> : RequestContext
    where Self.Source == Never
```

## Overview

The init for the context is marked throwing as it is allowed to fail. If it fails then the error is passed back up the middleware stack

```
struct MyRequestContext: ChildRequestContext {
    init(context: MyParentRequestContext) throws {
        self.coreContext = context.coreContext
    }
}
```

## Topics

### Associated Types

associatedtype ParentContext : RequestContext

**Required**

## Initializers

`init(context: ParentContext) throws`

Initialise RequestContext from source

**Required**

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## Relationships

### Inherits From

`InitializableFromSource`

`RequestContext`

`RequestContextSource`

`Swift.Sendable`

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## See Also

### Request context

`protocol RequestContext`

Protocol that all request contexts should conform to. A `RequestContext` is a statically typed metadata container for information that is associated with a [Request](#), and is therefore instantiated alongside the request.

`protocol RequestContextSource`

Protocol for source of request contexts

`struct ApplicationRequestContextSource`

`RequestContext` source for contexts created by [Application](#).

`struct BasicRequestContext`

Implementation of a basic request context that supports everything the Hummingbird library needs

`struct CoreRequestContextStorage`

Request context values required by Hummingbird itself.

`protocol RemoteAddressRequestContext`

Protocol for request context that stores the remote address of connected client.

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