

ParamMetadata

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ParamMetadata

Kind: Interface

Source: `packages/core/helpers/interfaces/params-metadata.interface.ts`

Part of: [Core](#)

`ParamMetadata` describes metadata for a single parameter in a handler, resolver, or decorated method. It stores the parameter's positional `index` and associated `data`, allowing the framework to resolve and inject the correct value at runtime.

Properties

Property	Type
<code>index</code>	<code>number</code>
<code>data</code>	<code>ParamData</code>

Diagram

```
graph LR
  Handler[Handler Method] --> Params[Parameter List]
  Params --> Metadata[ParamMetadata]
  Metadata --> Index[Index[index: number]]
  Metadata --> Data[Data[data: ParamData]]
  Metadata --> Resolver[Parameter Resolver]
```

Usage

```
import type { ParamMetadata } from './helpers/interfaces/params-metadata.interface';

const userIdParam: ParamMetadata = {
  index: 0,
  data: {
```

```

    name: 'userId',
    type: 'param',
  },
};

function resolveParameter(metadata: ParamMetadata, request: Request) {
  if (metadata.data.type === 'param') {
    return request.params[metadata.data.name];
  }

  return undefined;
}

const userId = resolveParameter(userIdParam, request);

```

AI Coding Instructions

- Keep `index` aligned with the parameter's zero-based position in the target method signature.
- Use the appropriate `ParamData` shape when creating metadata; avoid replacing it with untyped objects.
- Preserve parameter metadata ordering when collecting metadata for a method or resolver.
- Use `ParamMetadata` with the parameter-resolution pipeline rather than reading request or context values directly in framework internals.