

RouterRoute

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RouterRoute

Kind: Interface

Source: `src/types.ts`

`RouterRoute` describes a route registered with a router. It stores the route's base path, path, HTTP method, and handler so the router can match requests and invoke the associated handler.

Properties

Property	Type
<code>basePath</code>	<code>string</code>
<code>path</code>	<code>string</code>
<code>method</code>	<code>string</code>
<code>handler</code>	<code>H</code>

Diagram

```
graph LR
  Router[Router] --> Route[RouterRoute]
  Route --> BasePath[basePath: string]
  Route --> Path[path: string]
  Route --> Method[method: string]
  Route --> Handler[handler: H]
  Request[Incoming request] --> Router
  Router --> Handler
```

Usage

```

interface RouterRoute<H> {
  basePath: string;
  path: string;
  method: string;
  handler: H;
}

type RequestHandler = (request: Request) => Response;

const getUserRoute: RouterRoute<RequestHandler> = {
  basePath: "/api",
  path: "/users/:id",
  method: "GET",
  handler: (request) => {
    return new Response(`Requested: ${request.url}`);
  },
};

```

AI Coding Instructions

- Keep `basePath` and `path` separate so the router can compose the final route path.
- Match `method` values to the format expected by the router, such as `"GET"` or `"POST"`.
- Type `handler` with the handler signature used by the router implementation.
- Preserve the generic `H` type when passing routes through registration or matching code.