

CustomVersioningOptions

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Kind: Interface

Source: `packages/common/interfaces/version-options.interface.ts`

Part of: [Common](#)

`CustomVersioningOptions` configures custom API version extraction for requests. It is used when `VersioningType.CUSTOM` is selected, allowing applications to define how one or more version values are read from an incoming request.

Properties

Property	Type
<code>type</code>	<code>VersioningType.CUSTOM</code>
<code>extractor</code>	<code>`(request: unknown) => string`</code>

Diagram

```
graph LR
    Request[Incoming Request] --> Extractor[Custom extractor function]
    Extractor --> Versions[string or string array]
    Options[CustomVersioningOptions] --> Type[VersioningType.CUSTOM]
    Options --> Extractor
    Versions --> Router[Version-aware route matching]
```

Usage

```
import { VersioningType } from '@nestjs/common';
import type { CustomVersioningOptions } from '@nestjs/common';

const versioningOptions: CustomVersioningOptions = {
  type: VersioningType.CUSTOM,
```

```

extractor: (request) => {
  const headers = request as { headers?: Record<string, string | undefined> };

  // Read a version such as: x-api-version: 2
  return headers.headers?.['x-api-version'] ?? '1';
},
};

// Example application integration:
// app.enableVersioning(versioningOptions);

```

AI Coding Instructions

- Always set `type` to `VersioningType.CUSTOM`; this interface is specifically for custom extraction strategies.
- Ensure `extractor` returns a `string` or `string[]`; return an array when a request may map to multiple supported versions.
- Keep extractors defensive because `request` is typed as `unknown`; safely narrow or cast the request before accessing headers, URLs, or metadata.
- Return version values in the same format used by route version declarations to ensure version-aware routing matches correctly.
- Avoid throwing from the extractor for missing version data; return a fallback version or an empty result according to the application's versioning policy.