

BaseApiService

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Kind: Class**Source:** Pams/Web/Pams.WebApp/Client/app/core/services/api/base-api.service.ts (line 12)**Part of:** Pams

BaseApiService is a generic base class for client-side API calls that return RxJS Observable values. It groups collection retrieval, item retrieval, deletion, saving, ID generation, and error handling for application services.

Implements: IApi

Methods

Method	Signature	Returns
get	get(queryParams: any[])	Observable<T[]>
getById	getById(id: number)	Observable<T>
delete	delete(id: number)	Observable<{}>
save	save(item: T, queryParams: any[])	Observable<T>
getNewId	getNewId()	void
handleError	handleError(error: Response)	void

Properties

Property	Type
keyName	string
resourceName	string
headers	any

Property	Type
headersPost	any
basePath	any
entity	T

Diagram

```
graph LR
  Consumer[Component or Service] --> BaseApiService
  BaseApiService --> Get[get]
  BaseApiService --> GetById[getById]
  BaseApiService --> Save[save]
  BaseApiService --> Delete[delete]
  BaseApiService --> NewId[getNewId]
  BaseApiService --> Error[handleError]
  Get --> Observable
  GetById --> Observable
  Save --> Observable
  Delete --> Observable
```

Usage

```
import { BaseApiService } from './core/services/api/base-api.service';

interface Project {
  id: string;
  name: string;
}

declare const projectApi: BaseApiService<Project>;

projectApi.get().subscribe({
  next: (projects) => console.log(projects),
  error: (error) => console.error(error)
});

projectApi.save().subscribe({
  next: (project) => console.log(project),
  error: (error) => console.error(error)
});
```

AI Coding Instructions

- Extend `BaseApiService` with the domain model type for each API resource.
- Keep API method return values as `Observable` values; subscribe in components or other consumer boundaries.
- Follow the existing `get` , `getById` , `save` , and `delete` methods instead of duplicating request and error-handling logic.
- Keep resource-specific endpoint configuration and model mapping in the service that extends this class.

Used by

50 references from 50 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (50)

- `BaseEdit` — `Pams/Web/Pams.WebApp/Client/app/core/components/base-edit.component.ts :1`
- `CoreModule` — `Pams/Web/Pams.WebApp/Client/app/core/core.module.ts :1`
- `AddressTypeService` — `Pams/Web/Pams.WebApp/Client/app/services/common/address-type.service.ts :1`
- `AddressService` — `Pams/Web/Pams.WebApp/Client/app/services/common/address.service.ts :1`
- `BookingTargetService` — `Pams/Web/Pams.WebApp/Client/app/services/common/booking-target.service.ts :1`
- `CategoryService` — `Pams/Web/Pams.WebApp/Client/app/services/common/category.service.ts :1`
- `CityService` — `Pams/Web/Pams.WebApp/Client/app/services/common/city.service.ts :1`
- `ClientTypeService` — `Pams/Web/Pams.WebApp/Client/app/services/common/client-type.service.ts :1`

...and 42 more.