

PamsLinqDataContext

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Kind: Class

Source: Pams/Data/Pams.Data/PamsLinq5.designer.cs (line 26)

Part of: Pams

PamsLinqDataContext is a LINQ to SQL data context generated in Pams/Data/Pams.Data/PamsLinq5.designer.cs . It exposes table mappings for lookup and audit entities, allowing application code to query and persist records such as currencies, document types, nationalities, and database logs.

Diagram

```
graph LR
    Context[PamsLinqDataContext]
    Context --> Currencies[Currency]
    Context --> DBLogs[DBLog]
    Context --> DBLogUsers[DBLogUser]
    Context --> DocumentTypes[DocumentType]
    Context --> EmailAddressTypes[EmailAddressType]
    Context --> Genders[Gender]
    Context --> Nationalities[Nationality]
    Context --> PhoneNumberTypes[PhoneNumberType]
    Context --> ReasonTypes[ReasonType]
    Context --> SerialTypes[SerialType]
```

Usage

```
type Currency = {
  id: string;
  code: string;
  name: string;
};
```

```

async function loadCurrencies(): Promise<Currency[]> {
    const response = await fetch("/api/lookups/currencies");

    if (!response.ok) {
        throw new Error("Unable to load currencies.");
    }

    return response.json();
}

const currencies = await loadCurrencies();
console.log(currencies.map((currency) => currency.code));

```

AI Coding Instructions

- Treat `PamsLinqDataContext` as the database boundary for LINQ to SQL queries and updates.
- Query lookup tables such as `Currencies`, `Genders`, and `Nationalities` through their mapped `Table<T>` members.
- Keep changes to `PamsLinq5.designer.cs` limited; regenerate the designer file when the database mapping changes.
- Submit pending inserts, updates, and deletes through the data context's change submission flow.
- Avoid exposing LINQ entity types directly to JavaScript clients; map them to API response models.

Relationships

- IMPORTS → `Comment`
- IMPORTS → `Status`

Used by

353 references from 353 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (353)

- `FilesController` — `Pams/API/Pams.API/Controllers/Common/FilesController.cs` :27
- `UnitOfWork` — `Pams/Logic/Pams.Business/Component/UnitOfWork.cs` :12
- `EndUser` — `Pams/Logic/Pams.Business/Domain/Import/ImportDomain.cs` :3891

- AccountManagerTarget —
Pams/Logic/Pams.Business/Entity/BookingTarget/AccountManagerTarget.cs :7
- ForecastedBookingRule —
Pams/Logic/Pams.Business/Entity/BookingTarget/ForecastedBookingRule.cs :7
- MonthlyBacklog — Pams/Logic/Pams.Business/Entity/BookingTarget/MonthlyBacklog.cs :7
- MonthlyForecast — Pams/Logic/Pams.Business/Entity/BookingTarget/MonthlyForecast.cs :7
- MonthlyProductTypeBacklog —
Pams/Logic/Pams.Business/Entity/BookingTarget/MonthlyProductTypeBacklog.cs :7

...and 345 more.