

EntityFramework

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Kind: Service

Source: Pams/API/Pams.API/Pams.API.csproj (line 1)

Part of: Pams

NuGet package dependency

EntityFramework is a NuGet package dependency declared by the Pams.API project. It provides the legacy Entity Framework data-access runtime used by the API to query and persist application data.

Diagram

```
sequenceDiagram
    participant API as Pams.API
    participant EF as EntityFramework
    participant DB as Database

    API->>EF: Create data context
    EF->>DB: Query or save entities
    DB-->>EF: Return data or result
    EF-->>API: Materialize entities or report status
```

Usage

```
// Entity Framework is consumed by the Pams.API .NET project.
// JavaScript clients call API endpoints that use Entity Framework internally.

const response = await fetch("/api/patients/42");

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

```
const patient = await response.json();  
console.log(patient);
```

AI Coding Instructions

- Keep `EntityFramework` package references in `Pams.API.csproj` aligned with the API's existing .NET target and dependency format.
- Use the existing Entity Framework data context and entity mappings rather than creating parallel database access code.
- Treat Entity Framework as a server-side dependency; browser TypeScript and JavaScript should access data through API endpoints.
- Check query behavior, entity tracking, and database migrations before changing persistence-related code.