

System

August 17, 2026

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Kind: Service

Source: Pams/Logic/Pams.CurrencyConverter/Pams.CurrencyConverter.csproj (line 1)

Part of: [Pams](#)

NuGet package dependency

The `Pams.CurrencyConverter` project declares NuGet package dependencies in a legacy-format `.csproj` file. Package restore resolves the libraries required by the currency conversion service before the application is built or run.

Diagram

```
sequenceDiagram
    participant Client as Client Application
    participant Service as Currency Converter Service
    participant Packages as NuGet Dependencies

    Client->>Service: Request currency conversion
    Service->>Packages: Call dependency APIs
    Packages-->>Service: Return conversion data
    Service-->>Client: Return converted amount
```

Usage

```
type ConversionResult = {
    amount: number;
    currency: string;
};

async function convertCurrency(
    amount: number,
    from: string,
    to: string,
```

```

): Promise<ConversionResult> {
    const response = await fetch("/api/currency-converter/convert", {
        method: "POST",
        headers: {
            "Content-Type": "application/json",
        },
        body: JSON.stringify({ amount, from, to }),
    });

    if (!response.ok) {
        throw new Error("Currency conversion request failed");
    }

    return response.json();
}

const result = await convertCurrency(100, "USD", "EUR");
console.log(`${result.amount} ${result.currency}`);

```

AI Coding Instructions

- Keep NuGet package references compatible with the legacy `.csproj` format used by `Pams.CurrencyConverter`.
- Restore packages before building or testing changes that depend on package-provided types or APIs.
- Check package version compatibility with the target framework before adding or updating dependencies.
- Keep conversion request and response contracts aligned between client code and the currency converter service.