

Microsoft.Threading.Tasks

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Kind: Service

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

Part of: Pams

NuGet package dependency

Microsoft.Threading.Tasks is a NuGet package dependency declared by Pams.Storage . It supplies task-based asynchronous APIs for the storage project when its target framework does not provide the required Task types.

Diagram

```
sequenceDiagram
    participant Build as Build process
    participant Storage as Pams.Storage
    participant NuGet as NuGet restore
    participant Tasks as Microsoft.Threading.Tasks

    Build->>NuGet: Restore project dependencies
    NuGet->>Tasks: Resolve package
    Tasks-->>NuGet: Provide Task API assemblies
    NuGet-->>Storage: Add resolved references
    Storage-->>Build: Compile asynchronous storage code
```

Usage

```
import { execFileSync } from "node:child_process";

// Microsoft.Threading.Tasks is consumed by the .NET Pams.Storage project,
// not imported directly from TypeScript.
execFileSync(
    "dotnet",
    ["build", "Pams/Logic/Pams.Storage/Pams.Storage.csproj"],
```

```
{ stdio: "inherit" }  
);
```

AI Coding Instructions

- Keep `Microsoft.Threading.Tasks` configured as a NuGet dependency of `Pams.Storage`.
- Restore NuGet packages before building code that references task-based asynchronous APIs.
- Do not import this package from TypeScript or JavaScript; it is consumed by the .NET project during compilation.
- Check target-framework compatibility before removing or changing this legacy-format package dependency.

Used by

2 references from 2 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Injected or called by (2)

- `Pams.Email` — `Pams/Logic/Pams.Email/Pams.Email.csproj :1`
- `Pams.Storage` — `Pams/Logic/Pams.Storage/Pams.Storage.csproj :1`