

Microsoft.Threading.Tasks.Extensions

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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.Extensions is a NuGet package dependency declared by Pams.Storage.csproj . It supplies task-related APIs that Pams.Storage can reference for asynchronous storage operations and task-based integration points.

Diagram

```
sequenceDiagram
    participant App as Application
    participant Storage as Pams.Storage
    participant Package as Microsoft.Threading.Tasks.Extensions
    participant Runtime as Task Runtime

    App->>Storage: Start asynchronous storage operation
    Storage->>Package: Reference task extension API
    Package->>Runtime: Work with task-based operation
    Runtime-->>Storage: Complete task
    Storage-->>App: Return result or failure
```

Usage

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

const restore = spawnSync(
    "dotnet",
    ["restore", "Pams/Logic/Pams.Storage/Pams.Storage.csproj"],
    { stdio: "inherit" }
);
```

```

if (restore.error) {
  throw restore.error;
}

const build = spawnSync(
  "dotnet",
  ["build", "Pams/Logic/Pams.Storage/Pams.Storage.csproj"],
  { stdio: "inherit" }
);

if (build.error) {
  throw build.error;
}

```

AI Coding Instructions

- Keep `Microsoft.Threading.Tasks.Extensions` configured as a dependency of `Pams.Storage.csproj` .
- Restore the project before building or running code that references `Pams.Storage` .
- Treat this package as a .NET dependency; JavaScript and TypeScript code should interact with the built .NET project rather than import the package directly.
- Check asynchronous storage call paths for task completion, cancellation, and exception handling.

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`