

System.Xml

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Kind: Service

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

Part of: Pams

NuGet package dependency

`System.Xml` is a NuGet package dependency declared by `Pams.Common.csproj` for XML parsing, reading, and writing in shared PAMS code. Common components can use its .NET XML APIs when handling XML-based configuration, messages, or integrations.

Diagram

```
graph TD
  A[Calling component] --> B[Pams.Common]
  B --> C[System.Xml package]
  C --> D[XML reader or writer]
  D --> E[XML document or stream]
```

Usage

```
const xmlPayload = `
<customer>
  <id>abc</id>
  <name>Example Customer</name>
</customer>
`;

const response = await fetch("/api/customers/import-xml", {
  method: "POST",
  headers: {
    "Content-Type": "application/xml",
  },
  body: xmlPayload,
```

```
});  
  
if (!response.ok) {  
    throw new Error("XML import failed");  
}  
  
// The .NET endpoint can parse the request through Pams.Common,  
// which references the System.Xml package.  
console.log(await response.json());
```

AI Coding Instructions

- Keep XML parsing and serialization code in shared PAMS components that reference `Pams.Common.csproj` .
- Prefer `XmlReader` for stream-based parsing when a full in-memory document is not required.
- Validate XML input before reading values and handle malformed XML exceptions at integration boundaries.
- Avoid adding another XML package unless the required API is unavailable in `System.Xml` .