

SendGrid.SmtpApi

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Kind: Service

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

Part of: Pams

NuGet package dependency

SendGrid.SmtpApi is a NuGet package dependency declared in Pams.Core.csproj . It supports SendGrid SMTP API header creation for email messages sent by the Pams.Core layer.

Diagram

```
sequenceDiagram
    participant Application
    participant PamsCore as Pams.Core
    participant SmtpApi as SendGrid.SmtpApi
    participant SendGrid

    Application->>PamsCore: Request email delivery
    PamsCore->>SmtpApi: Create SMTP API headers
    SmtpApi-->>PamsCore: Return message headers
    PamsCore->>SendGrid: Send SMTP message with headers
    SendGrid-->>PamsCore: Return delivery response
```

Usage

```
async function sendEmail() {
    const response = await fetch("/api/email/send", {
        method: "POST",
        headers: {
            "Content-Type": "application/json",
        },
        body: JSON.stringify({
```

```
        to: "recipient@example.com",
        subject: "Account update",
        text: "Your account has been updated.",
    }},
});

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

void sendEmail();
```

AI Coding Instructions

- Keep `SendGrid.SmtpApi` usage inside the server-side email delivery path; do not expose SMTP credentials or API headers to browser code.
- Add SendGrid SMTP API headers before sending the SMTP message.
- Preserve the NuGet package reference in `Pams.Core.csproj` when changing email-related code.
- Treat this dependency as legacy-format code and avoid replacing its message-header behavior without checking existing email integrations.

Used by

1 reference from 1 file. 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 (1)

- `Pams.Core` — `Pams/Core/Pams.Core/Pams.Core.csproj` :1