

SendGridMail

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SendGridMail

Kind: Service

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

Part of: Pams

NuGet package dependency

`SendGridMail` is a NuGet package dependency declared in `Pams.Core.csproj`. It provides email delivery capabilities to the Pams.Core layer through the SendGrid client library.

Diagram

```
sequenceDiagram
    participant App as Application Code
    participant Core as Pams.Core
    participant SendGrid as SendGridMail Package
    participant API as SendGrid API

    App->>Core: Request email delivery
    Core->>SendGrid: Create and send message
    SendGrid->>API: Submit email request
    API-->>SendGrid: Return delivery response
    SendGrid-->>Core: Return result
    Core-->>App: Return send status
```

Usage

```
import { MailService } from "@sendgrid/mail";

const mailService = new MailService();
mailService.setApiKey(process.env.SENDGRID_API_KEY!);

await mailService.send({
```

```
to: "recipient@example.com",  
from: "sender@example.com",  
subject: "Pams notification",  
text: "Your request has been processed."  
});
```

AI Coding Instructions

- Keep SendGrid API keys in configuration or environment variables; do not hard-code them in source files.
- Create email messages in the application layer, then pass them to the SendGrid client for delivery.
- Handle SendGrid send failures and record the returned error details for diagnostics.
- Confirm the configured sender address is verified in the SendGrid account.
- Keep the `SendGridMail` package reference compatible with the target framework in `Pams.Core.csproj`.

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