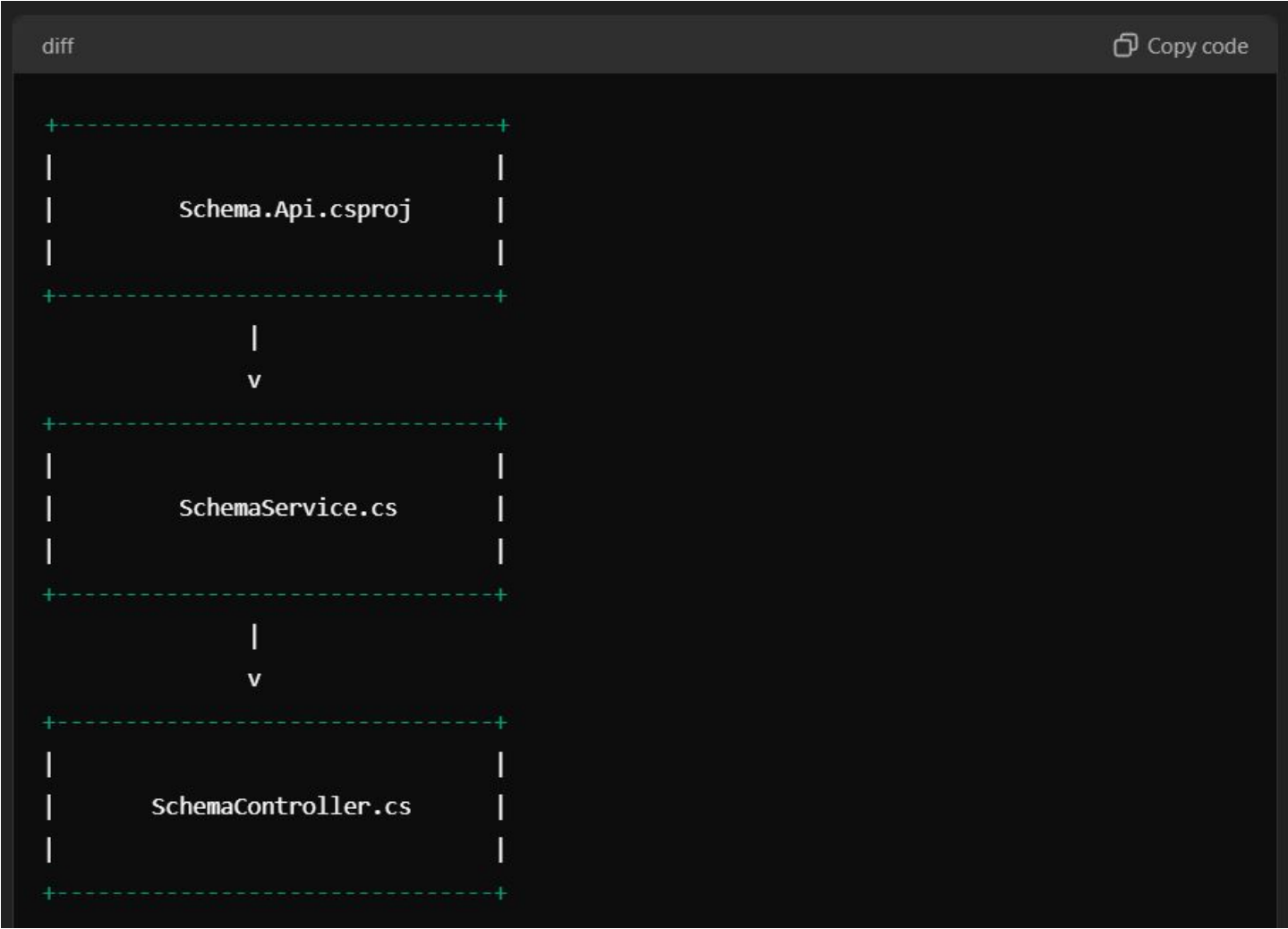


Schema Layer Overview

High-Level Architecture Diagram



Schema Layer Overview

Schema Layer Overview

1. **Schema Layer Overview**

The Schema Layer manages data schema definitions and validation across the system.

2. **Structure and Files**

Overview: This layer is responsible for defining, managing, and validating data schemas.

Files:

- **Schema.Api.csproj**:
 - **Purpose**: Project file for the Schema API service.
 - **Pros**: Centralizes schema management configurations.
 - **Cons**: Schema changes can have broad impacts.
- **SchemaController.cs**:
 - **Purpose**: API controller for schema operations.
 - **Pros**: Centralizes schema CRUD operations.
 - **Cons**: Complex logic can become difficult to maintain.

Q: 1. What is the role of the Schema layer?

Schema Layer Overview

A: To manage data schema definitions, ensuring consistency and validation across the system.

Q: 2. How are schemas validated?

A: Through predefined validation rules within the Schema service.