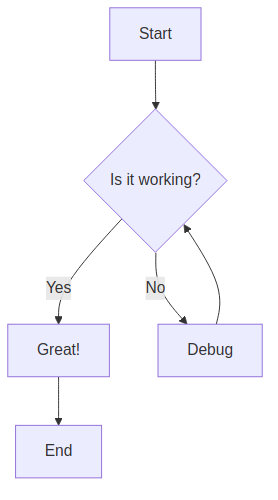
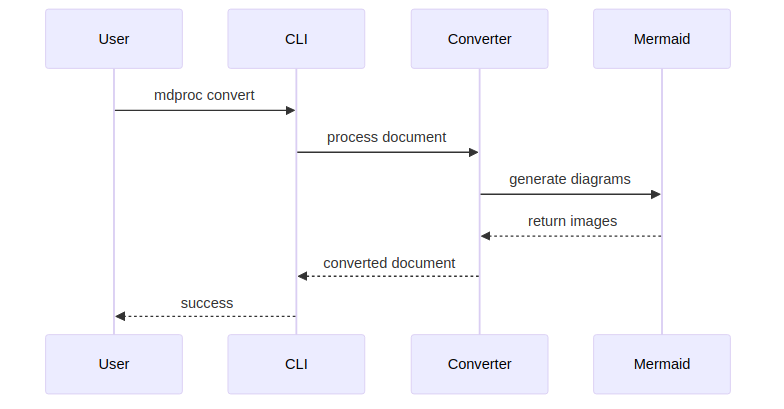
# Mermaid Diagram Test

This document tests Mermaid diagram support in our markdown processor.

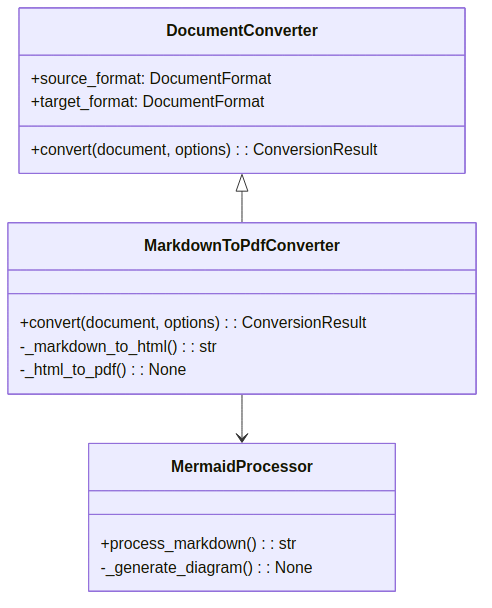
## Flowchart Example



## Sequence Diagram

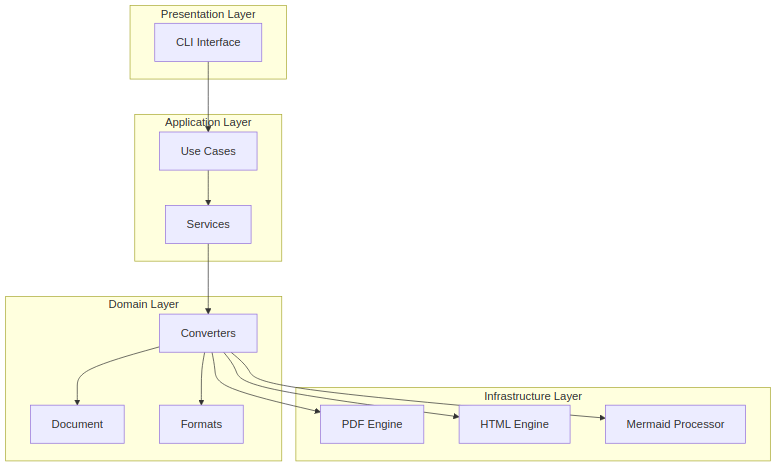


## Class Diagram



## Architecture Overview

This demonstrates how our hexagonal architecture handles Mermaid diagrams:



## Summary

The Mermaid integration allows us to:

1. \*\*Process diagrams\*\* automatically during conversion
2. \*\*Support multiple formats\*\* (PNG for PDF, SVG for HTML)
3. \*\*Maintain clean architecture\*\* with proper separation of concerns
4. \*\*Provide fallback handling\*\* when diagram generation fails

This enhances our document processor significantly for technical documentation!