

Documentation Demo

Automated Documentation Pipeline

Demo Project

2024

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1. Documentation Demo

This demonstrates a docs-as-code workflow with automated builds and web-based editing.

1.1 Features

- Markdown-based content
- Web-based editing interface
- Automated website generation
- PDF export capability

1.2 Getting Started

1. Edit content through the admin interface at `/admin/`
2. Changes trigger automatic rebuilds
3. View results at the published site

1.3 Architecture

The system combines:

- **MkDocs** for static site generation
- **Decap CMS** for web-based editing
- **GitHub Actions** for automation
- **LaTeX** for PDF generation

1.4 Sample Content

1.4.1 Code Example

```
def build_docs():
    """Generate documentation from Markdown."""
    return "Documentation built successfully"
```

1.4.2 Table

Output	Format	Status
Website	HTML	✓
PDF	LaTeX	✓

This demonstrates professional documentation workflow capabilities.