

Simple PDF Documentation Setup Guide

Quick Start

The PDF generation has been simplified for reliability and clean output.

Available Commands

```
# Generate both HTML and PDF (if tools available)
composer run docs-pdf-simple
```

Generate with verbose output

```
composer run docs-pdf-simple --verbose
```

Force HTML only (faster)

```
composer run docs-pdf-simple --force-html
```

Complete workflow (test results + PDF generation)

```
composer run dev-cp-pdf
```

Output Location

All generated files are saved to: `docs/pdf/`

- **HTML files:** Clean, web-ready documentation
- **PDF files:** Professional printable documents (if PDF tools available)
- **Index:** `docs/pdf/index.html` - Navigation hub

🔧 PDF Generation Options

The system automatically detects and uses available tools:

1. **DomPDF** (PHP extension) - Preferred
2. **Pandoc** - Command line tool
3. **wkhtmltopdf** - Command line tool

If no PDF tools are available, it generates clean HTML files instead.

Simplified Theme

The new simplified theme provides:

- Clean, professional styling
- Reliable PDF output
- Mobile-responsive HTML
- Fast loading times
- Minimal complexity

Features

- Clean markdown parsing
- Professional typography
- Responsive design
- Code syntax highlighting
- Table formatting
- Navigation structure
- Auto-generated index

Troubleshooting

PDF generation fails:

```
# Check what tools are available
which pandoc wkhtmltopdf
```

Install tools if needed

Ubuntu/Debian:

```
sudo apt-get install -y pandoc wkhtmltopdf
```

macOS:

```
brew install pandoc wkhtmltopdf
```

HTML files look wrong:

1. Clear browser cache
2. Check file permissions
3. Verify markdown syntax

Missing files:

1. Ensure `docs/` directory exists
2. Check file permissions
3. Run with `--verbose` to see debug info

Help

```
# Show all options
php scripts/generate-docs-pdf-simple.php --help
```

This simplified system provides reliable documentation generation with clean, professional output.