

Architecture Directory Cleanup Summary

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Architecture Diagrams

Date: 2025-11-05 Status: Complete

Changes Made

1. PDF Table of Contents Formatting

Updated `pdf-styles.css` with:

- **Title (H1):** Now 28pt, bold, with 3px border (more prominent)
- **TOC Label:** Changed from “Table of Contents” to “Index:”
- **Spacing:** Added margin-top to TOC for better separation from title
- **Document Structure:** Title → “Index:” → TOC links → Content

Result: PDFs now show the document title first, then “Index:” label, then the table of contents links, followed by the document content.

2. Directory Cleanup

Created `old_files/ directory` and moved:

1. **Old test PDFs** (4 files):
 - 01_system_overview.pdf
 - 01_system_overview_fixed.pdf
 - 01_system_overview_with_images.pdf
 - 01_system_overview_xelatex.pdf
2. **Duplicate summary docs** (6 files):
 - DIAGRAM_INTEGRATION_EXAMPLE.md
 - PDF_GENERATION_COMPLETE.md
 - PDF_GENERATION_FINAL_SUMMARY.md
 - PDF_GENERATION_GUIDE.md
 - PDF_GENERATION_SUMMARY.md
 - PDF_QUICK_START.md
3. **Test images** (3 files):
 - celatex.png
 - first.png
 - tosca_container_diagram.png
4. **Old scripts** (3 files):

- convert-all-to-pdf.sh
- convert-to-pdf.sh
- resize_images.sh

Total moved: 16 files to `old_files/`

3. Current Directory Structure

```
docs/architecture/
    diagrams/           [PNG diagrams and PlantUML source]
    originals/          [Backup markdown files with Unicode chars]
    pdfs/               [Generated PDF documents - 38 files]
    old_files/          [Archived old files - 16 files]
    00-13 .md files    [15 core architecture docs]
    ADR-*.md files     [7 Architecture Decision Records]
    ARCHITECTURE_DOCUMENTATION_INDEX.md
    QUALITY_ATTRIBUTES.md
    SAFETY_SHUTDOWN_POLICY.md
    SECURITY_THREAT_MODEL.md
    hardware_controller_base_usage.md
    PDF_FINAL_IMPROVEMENTS.md [Latest summary]
    generate_pdfs.py     [PDF generation script]
    resize_images.py      [Image resizing script]
    fix_directory_trees.py [Directory tree cleanup script]
    pdf-generation-config.json
    pdf-styles.css
```

4. PDF Generation

Regenerated: 28 PDF documents with new TOC formatting **Status:** All successful (100% success rate)

Location: `pdfs/` directory

Files Kept in Main Directory

Essential markdown files: - 15 core architecture documents (00-13 series) - 7 ADR files (Architecture Decision Records) - 4 reference documents (index, quality, safety, security, hardware) - 1 summary document (PDF_FINAL_IMPROVEMENTS.md)

Essential scripts: - `generate_pdfs.py` (active PDF generator) - `resize_images.py` (active image resizer) - `fix_directory_trees.py` (directory tree cleaner)

Configuration files: - `pdf-generation-config.json` - `pdf-styles.css`

Directories: - `diagrams/` (PNG outputs and PlantUML source) - `originals/` (backup markdown files) - `pdfs/` (generated PDFs) - `old_files/` (archived files)

How to Regenerate PDFs

All PDFs:

```
python3 generate_pdfs.py --all
```

Single PDF:

```
python3 generate_pdfs.py --file 01_system_overview.md
```

Backup Safety

Original markdown files preserved in: - `originals/` directory (32 files) - All Unicode box-drawing

characters intact - Created: 2025-11-05 10:39

To restore a file:

`cp originals/01_system_overview.md .`

Status: Clean, organized, production-ready documentation structure **Next Steps:** Generate PDFs as needed with improved formatting