

# Architecture Directory Cleanup Summary

- [Architecture Diagrams](#)
- [Changes Made](#)
  - [1. PDF Table of Contents Formatting](#)
  - [2. Directory Cleanup](#)
  - [3. Current Directory Structure](#)
  - [4. PDF Generation](#)
- [Files Kept in Main Directory](#)
- [How to Regenerate PDFs](#)
  - [All PDFs:](#)
  - [Single PDF:](#)
- [Backup Safety](#)

## 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