

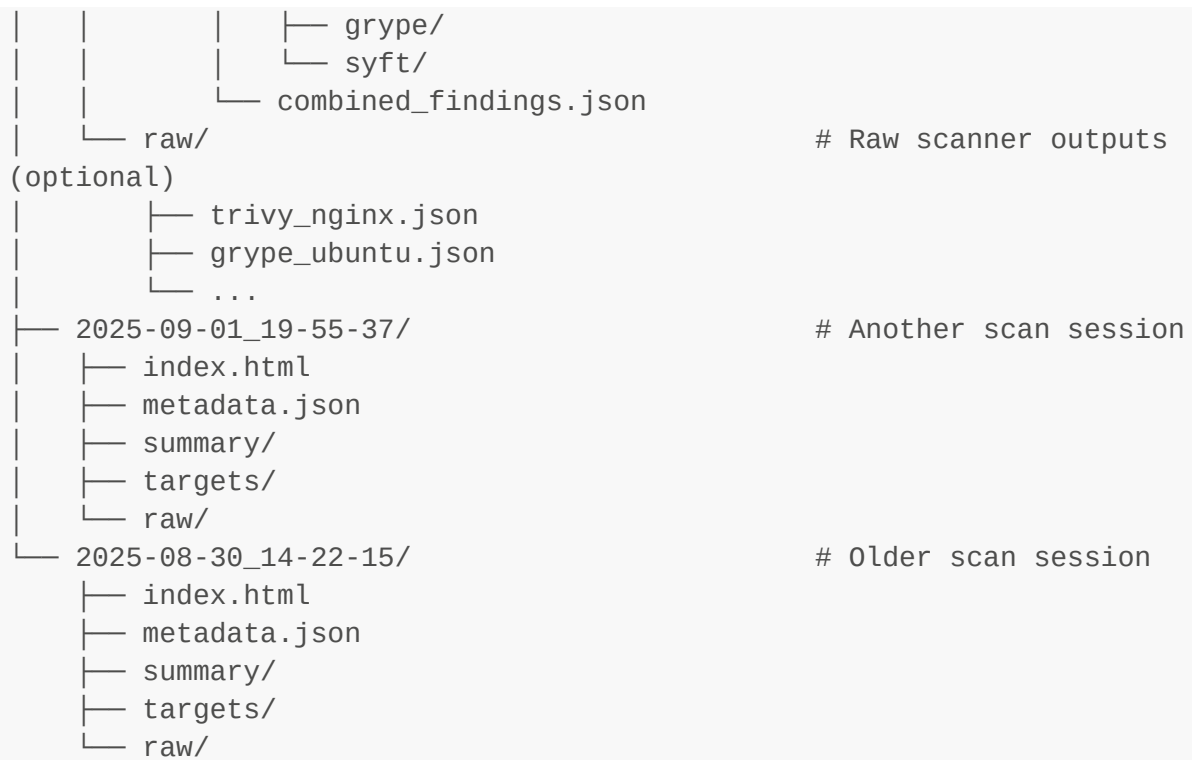
Improved Report Directory Structure

Current Problems

- Flat directory structure with all files mixed together
- Non-descriptive scan directory names
- Individual scanner results mixed with summary reports
- No organization by target or scanner type

Proposed Structure

```
reports/
├── index.html                # Auto-generated main
index
├── 2025-09-01_20-04-46/    # Human readable
timestamp as scan_id
│   ├── index.html          # Auto-generated scan
index
│   ├── metadata.json       # Scan metadata and
summary                     # High-level reports
│   │   ├── summary/
│   │   │   ├── executive_summary.html
│   │   │   ├── detailed_report.html
│   │   │   ├── findings_summary.json
│   │   │   └── scan_summary.sarif
│   │   ├── targets/        # Organized by target
│   │   │   ├── nginx/     # Target name
│   │   │   │   ├── index.html # Target summary
│   │   │   │   └── scanners/ # Individual scanner
results
│   │   ├── trivy/
│   │   │   ├── report.html
│   │   │   ├── findings.json
│   │   │   └── raw_output.txt
│   │   ├── gype/
│   │   │   ├── report.html
│   │   │   ├── findings.json
│   │   │   └── raw_output.txt
│   │   ├── dockle/
│   │   │   ├── report.html
│   │   │   ├── findings.json
│   │   │   └── raw_output.txt
│   │   └── combined_findings.json # All findings for this
target
│   └── ubuntu/              # Another target
│       ├── index.html
│       ├── scanners/
│       └── trivy/
```



1. **Clear Hierarchy:** Summary → Targets → Scanners → Results
2. **Better Navigation:** Auto-generated index pages at each level
3. **Target Organization:** Easy to find results for specific targets
4. **Scanner Separation:** Individual scanner results are isolated
5. **Metadata Tracking:** Each scan has metadata for better organization
6. **Scalable:** Works for any number of targets and scanners
7. **Web-Friendly:** Multiple index pages for easy browsing
8. **Multiple Scans:** Each scan session gets its own timestamped directory
9. **Human Readable:** Timestamp format is easy to understand

Naming Convention

Index Generation

Each directory level will have an auto-generated `index.html`:

1. **Main Index** (`reports/index.html`): Lists all scans chronologically
2. **Scan Index** (`{scan-id}/index.html`): Overview of specific scan results
3. **Target Index** (`targets/{target}/index.html`): Target-specific results