



Tables Demonstration

This document showcases the table rendering capabilities of the Advanced Markdown Viewer.

Basic Tables

Simple Data Table

Name	Age	City	Occupation
Alice Johnson	28	New York	Software Engineer
Bob Smith	34	San Francisco	Product Manager
Carol Wilson	31	Austin	UX Designer
David Brown	27	Seattle	Data Scientist

File Information Table

Filename	Type	Size	Last Modified
README.md	Markdown	2.3 KB	2024-01-15
guide.md	Markdown	4.7 KB	2024-01-14
features.md	Markdown	8.1 KB	2024-01-13
index.html	HTML	45.2 KB	2024-01-16

Advanced Table Examples

Comparison Table

Feature	Replace Mode	Tab Mode	Notes
Memory Usage	Low	Medium	Tabs keep content in memory
Navigation	Simple	Advanced	Tabs allow quick switching
Focus	Single document	Multi-document	Different use cases
Performance	★★★★★★	★★★★★	Replace mode is slightly faster
Workflow	Linear reading	Research/comparison	Based on user needs

Technical Specifications

Component	Version	CDN	Size	Purpose
Marked.js	9.1.2	jsDelivr	45KB	Markdown parsing
Prism.js	1.29.0	cdnjs	8KB + components	Syntax highlighting
MathJax	3.2.2	jsDelivr	120KB	Math equation rendering
Custom CSS	-	Embedded	12KB	Styling and themes
Custom JS	-	Embedded	18KB	Application logic

Browser Compatibility







Browser	Version	Support Level	Notes
Chrome	80+	✓ Full	All features supported
Firefox	75+	✓ Full	Excellent compatibility
Safari	13+	✓ Full	WebKit optimizations
Edge	80+	✓ Full	Chromium-based
Opera	70+	✓ Full	Chromium-based
IE	11	✗ Limited	Not recommended

Alignment Examples

Left, Center, Right Alignment

Left Aligned	Center Aligned	Right Aligned
This text	This text	This text
is left	is center	is right
aligned	aligned	aligned

Mixed Content Table

Icon	Feature	Status	Priority	Effort
	Markdown parsing	✔ Complete	High	3 days
	Syntax highlighting	✔ Complete	High	2 days
	Math equations	✔ Complete	Medium	4 days
	Responsive design	✔ Complete	High	3 days
	Dark mode	✔ Complete	Medium	1 day
	Keyboard shortcuts	⚠ Partial	Low	2 days
	Print optimization	✔ Complete	Medium	2 days

Complex Data Tables

Performance Metrics

Metric	Replace Mode	Tab Mode	Improvement	Target
Load Time	120ms	180ms	+50%	<100ms
Memory Usage	8MB	15MB	+87%	<12MB
Bundle Size	180KB	180KB	0%	<200KB
Time to Interactive	200ms	350ms	+75%	<250ms
Lighthouse Score	98	95	-3%	>95

Language Support Matrix

Language	Syntax High-lighting	Line Numbers	Auto-indent	Copy Button
JavaScript	✓	✓	✓	✓
TypeScript	✓	✓	✓	✓
Python	✓	✓	✓	✓
Java	✓	✓	✓	✓
C#	✓	✓	✓	✓
SQL	✓	✓	✗	✓
Bash	✓	✓	✗	✓
CSS	✓	✓	✓	✓
HTML	✓	✓	✓	✓
JSON	✓	✓	✓	✓
YAML	✓	✓	✓	✓
XML	✓	✓	✓	✓

Deployment Checklist

Task	Status	Assignee	Due Date	Dependencies
Create repository	✓	DevOps	2024-01-10	-
Configure GitHub Pages	✓	DevOps	2024-01-11	Repository
Upload content files	✓	Content Team	2024-01-12	Pages setup
Generate manifest	✓	Developer	2024-01-13	Content files
Test functionality	⚠	QA Team	2024-01-15	All above
Performance audit	✗	DevOps	2024-01-16	Testing
Documentation review	✗	Tech Writer	2024-01-17	Performance
Go-live approval	✗	PM	2024-01-18	Documentation

Responsive Behavior

Tables automatically adapt to different screen sizes:

- **Desktop:** Full table display with all columns
- **Tablet:** Horizontal scrolling for wide tables
- **Mobile:** Stacked layout for better readability

Mobile-Optimized Table

Item	Value
Total Files	7
Markdown	5
HTML	2
Total Size	156KB
Languages	12
Features	15+

Styling Features

Tables include several built-in styling features:

1. **Alternating row colors** for better readability
 2. **Header styling** with bold text and background
 3. **Border styling** with subtle borders
 4. **Hover effects** on interactive elements
 5. **Responsive design** for all screen sizes
 6. **Dark mode support** with theme-aware colors
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Beautiful, responsive tables for all your data! 