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Markdown to PDF Converter - Sample Document¶

Introduction¶

This sample document demonstrates the various **Markdown features** supported by our converter. It includes examples of:

- Text formatting
- Code blocks with syntax highlighting
- Tables
- Lists
- Links and images
- Blockquotes
- And much more!

Text Formatting¶

Basic Formatting¶

You can use **bold text**, *italic text*, ***bold and italic***, and ~~strikethrough~~.

You can also use `inline code` for technical terms.

Paragraphs and Line Breaks¶

This is the first paragraph. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

This is the second paragraph. Notice the spacing between paragraphs. You can also force
a line break by ending a line with two spaces.

Headers¶

Level 3 Header¶

Level 4 Header¶

Level 5 Header¶

Level 6 Header¶

Code Blocks¶

Python Example¶

```python
def fibonacci(n):
    """Generate Fibonacci sequence up to n terms."""
    if n <= 0:
        return []
    elif n == 1:
        return [0]
    elif n == 2:
        return [0, 1]

    sequence = [0, 1]
    for i in range(2, n):
        next_num = sequence[-1] + sequence[-2]
        sequence.append(next_num)

    return sequence

# Example usage
print(fibonacci(10))
# Output: [0, 1, 1, 2, 3, 5, 8, 13, 21, 34]
```

JavaScript Example¶

```javascript
// Async function example
async function fetchUserData(userId) {
    try {
        const response = await fetch(`/api/users/${userId}`);
        if (!response.ok) {
            throw new Error(`HTTP error! status: ${response.status}`)
        }
        const data = await response.json();
        return data;
```

```javascript
    } catch (error) {
        console.error('Error fetching user data:', error);
        return null;
    }
}

// Usage
fetchUserData(123).then(user => {
    if (user) {
        console.log('User:', user);
    }
});
```

SQL Example¶

```sql
-- Complex query with JOIN and aggregation
SELECT
    c.customer_name,
    COUNT(o.order_id) as total_orders,
    SUM(o.total_amount) as total_spent,
    AVG(o.total_amount) as avg_order_value
FROM
    customers c
    LEFT JOIN orders o ON c.customer_id = o.customer_id
WHERE
    o.order_date >= '2024-01-01'
GROUP BY
    c.customer_id, c.customer_name
HAVING
    COUNT(o.order_id) > 5
ORDER BY
    total_spent DESC
LIMIT 10;
```

Tables¶

Simple Table¶

Feature	Support	Notes
Headers	✓	Multiple levels supported
Bold	✓	Works in tables
Italic	✓	Also works

Feature	Support	Notes
`Code`	✓	Inline code supported
Links	✓	[Example](#)

Complex Table with Alignment¶

Left Aligned	Center Aligned	Right Aligned	Number
Row 1	Centered	Right	123.45
Row 2	Also centered	Also right	678.90
Row 3	Middle	End	1011.12

Performance Metrics Table¶

Metric	Value	Target	Status
Response Time	245ms	<300ms	✅ Pass
Error Rate	0.02%	<0.1%	✅ Pass
Throughput	1,250 req/s	>1,000 req/s	✅ Pass
CPU Usage	78%	<80%	⚠️ Warning
Memory Usage	4.2 GB	<8 GB	✅ Pass

Lists¶

Unordered List¶

- First item
- Second item
- Nested item 1
- Nested item 2
  - Deeply nested item
- Third item

- Fourth item with **bold** and *italic*

Ordered List¶

1. First step
2. Second step
3. Sub-step A
4. Sub-step B
5. Third step
6. Fourth step

Task List¶

- [x] Completed task
- [x] Another completed task
- [ ] Pending task
- [ ] Future task

Definition List¶

Term 1
    Definition for term 1. This can span
    multiple lines.
Term 2
    Definition for term 2 with *emphasis*.
    Second definition for term 2.

Blockquotes¶

> This is a blockquote. It can contain multiple paragraphs.
>
> Here's the second paragraph in the blockquote.
>
> > You can even nest blockquotes.
> > This is a nested quote.

Links and References¶

Inline Links¶

Visit GitHub for code hosting.

Check out Google with a title.

Reference Links¶

This is an example reference-style link.

You can also use link text itself.

Automatic Links¶

https://www.example.com

user@example.com

Images¶

Python Logo

Image with Alt Text and Title¶

Markdown Logo

Horizontal Rules¶

Three or more hyphens:

Three or more asterisks:

Three or more underscores:

Advanced Features¶

Footnotes¶

Here's a sentence with a footnote[1].

You can also use inline footnotes^[This is an inline footnote.].

Abbreviations¶

The HTML specification is maintained by the W3C.

Math (LaTeX)¶

When $a \ne 0$, there are two solutions to $(ax^2 + bx + c = 0)$:

$$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a}$$

Admonitions¶

Important Note

This is an important note that stands out from the regular text.

Warning

Be careful with this operation!

Danger

This could be destructive!

Success

Operation completed successfully!

HTML in Markdown¶

This text is centered using HTML.

Emoji Support¶

Common emojis: 😀 😃 😄 😁 😆 😅 😂 🤣 ☺️ 😊

Special Characters¶

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Ellipsis…

En-dash – Em-dash —

Code Output Examples¶

JSON¶

```json
{
  "name": "Markdown to PDF Converter",
  "version": "1.0.0",
  "features": {
    "syntax_highlighting": true,
    "tables": true,
    "custom_css": true,
    "themes": ["default", "github", "academic"]
  },
  "requirements": [
    "markdown>=3.5.0",
    "weasyprint>=60.0",
    "pygments>=2.16.0"
  ]
}
```

YAML¶

```yaml
application:
  name: Markdown to PDF Converter
  version: 1.0.0

features:
  - syntax_highlighting
  - table_support
  - custom_css
  - multiple_themes
```

```yaml
configuration:
  theme: github
  page_numbers: true
  toc: true

output:
  format: pdf
  quality: high
```

Conclusion¶

This document has demonstrated the comprehensive feature set of our Markdown to PDF converter. The converter supports:

1. **Complete Markdown Syntax**: All standard Markdown features plus extensions
2. **Syntax Highlighting**: Beautiful code blocks with language-specific highlighting
3. **Professional Formatting**: Multiple themes and custom CSS support
4. **Advanced Features**: Tables, footnotes, math, and more
5. **PDF Optimizations**: Page numbers, table of contents, and print-ready output

For more information, visit our GitHub repository or check the documentation.

Generated by Markdown to PDF Converter v1.0.0

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1. This is the footnote text that appears at the bottom. ↩