

```
def markdown_to_html(self, markdown_text):  
    """Convert markdown to HTML using the markdown library"""  
    import markdown  
    # Convert the markdown to HTML  
    html = markdown.markdown(markdown_text, extensions=['fenced_code', 'tables'])  
    # Add some basic styling for code blocks if present  
    html = html.replace(  
        '<pre>',  
        '<pre style="background-color: #1e1e1e; color: #d4d4d4; padding: 12px; '  
        'border-radius: 4px; font-family: Consolas, \'Courier New\', monospace;">  
    )  
    return html
```