Markdown

Markdown

By the end of this training, participants will:

- select and use a markdown editor that offers real-time preview functionality.
- see how the preview feature aids in visualizing the final output.
- create a simple markdown document (headings, bold, italic).
- develop a more complex markdown document
- trouble-shoot common markdown issues
- apply markdown in language technology tools (e.g. Project plan task descriptions, Notion)

1. Introduction to Markdown

- **What Markdown is:** a simple way of marking plain text with formatting so that it is easy to read and write, yet can be seamlessly converted to structurally valid HTML.
- **Where it is used:** forums, websites (e.g., the source files for the Paratext Manual), README files, the descriptions in the Paratext Project plan, ...) more and more places.
- **History & Evolution:** It started with two people on their blog, and as it has grown, there are now several variants. (e.g., GitHub Flavored Markdown).

2. Core Syntax & Features

- **Basic Elements:** Headers, lists, emphasis (bold/italic), links, and images.
- **Advanced Features:** Code blocks, tables, blockquotes, and horizontal rules.
- **Inline HTML:** How and when to use HTML within Markdown for extra customization.

3. Tools & Editors

- **Text Editors & IDEs:** Overview of popular Markdown editors (Visual Studio Code, Notepad++, Google Docs (imports and exports md), etc.).
- **Preview & Conversion Tools:** Tools that help visualize Markdown in real-time and convert it (Pandoc, Markdown converters).

Click to see Learning Task 1[1]

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4. Practical Applications

- **Documentation:** Using Markdown for project documentation and technical writing.
- **Version Control:** How Markdown integrates with Git for documentation, README files, and wikis.
- **Content Management Systems:** Usage in blogs, static site generators (Jekyll, Hugo), and other publishing tools.

5. Best Practices

- **Consistency:** Tips for keeping Markdown documents clear and maintainable.
- **Collaboration:** Strategies for working with teams (e.g., using Markdown in pull requests, collaborative platforms like GitHub).
- **Accessibility:** Ensuring that Markdown documents are accessible to diverse audiences, including language technology contexts.

6. Customizations and Extensions

- **Flavors of Markdown:** Differences between standard Markdown and variants (CommonMark, GitHub Flavored Markdown).

- **Extensions & Plugins:** How to add extra functionalities like footnotes, diagrams, or mathematical expressions.
- **Integration with Language Tools:** Discuss how Markdown can be used in localization, documentation, or in developing language technology software.

7. Real-World Examples & Demos

- **Case Studies:** Present examples where Markdown has streamlined documentation or improved workflow.
- **Live Demo:** A hands-on session converting a document from Markdown to HTML or using a Markdown editor effectively.

Learning task 2[2]

8. Interactive Session

- **Q&A Session:** Address common questions and pitfalls.
- **Group Exercise:** A quick group task where participants trouble-shoot a Markdown document with common faults. $widget0 learning tasks[3]$$

9. Additional Resources

- **Reference Guides:** Provide links to cheat sheets and comprehensive guides.
  - Markdown guide Cheat sheet[4] or Stack overflow[5] search for markdown tag
  - Guide[6]
- **Community & Support:** Highlight forums, communities, or official documentation for ongoing support.

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[1] https://lingtran.net/learningtasks

[2] https://lingtran.net/learningtasks

[3] https://lingtran.net/learningtasks

[4] https://www.markdownguide.org/cheat-sheet/

[5] https://stackoverflow.com/

[6] https://spec.commonmark.org/0.31.2/