

DOCUMENT TITLE

ME and YOU

OUR ORG

THE OTHER GUY

THEIR ORG

May 8, 2018

Abstract

Example abstract.

The abstract is in a separate plain text file, to make it easier to extract and paste into other places.

This file can include TeX special characters like %, &, #, ^, _, ~, or \$ with no escapes.

If you don't need an abstract, just delete the file.

1 Macros Provided by this Template

1.1 Lists with tighter spacing

Normal `itemize`:

- An item
- Another item

With `tight_itemize`:

- An item
- Another item

There is also a `tight_enumerate`:

1. An item
2. Another item

There is also a `inline_enumerate`: (i) An item, (ii) Another item, and (iii) Another, all in a paragraph.

1.2 Links

Shortcut to create a `mailto:` href, `\emailhref: example@example.com`

1.3 TODO Notes

I have defined a few shortcuts for styled todo notes:

Use `towrite` as a placeholder for paragraphs you intend to write. When you've written it, you can delete the `towrite` note. You can also use `outline` for outline markers you want to keep around in draft.

Write: Explain idea X

Idea X

Write: Explain idea Y

Idea Y

Normal todos are in orange.

Use `ask` to add notes where you need to specifically ask for feedback.

Ask : Question with additional options passed to `todo`, e.g. `inline`

Example
todo

Ask : Question for collaborator

Use `feedback` to add notes where someone has given you feedback.

Feedback: Some feedback with additional options passed to `todo`, e.g. `inline`

Ask Mr. X: Question for Mr. X

Feedback: Some feedback here

1.4 TODO-Like Notes that Are Not Listed as Tasks

These are macros for notes that annotate the draft of the document, but are not listed as tasks that need to be taken care of.

Use `draftnote` for miscellaneous notes.

Use `guidance` for general advice and reminders for this section.

Use `outline` for to mark the outline of the document.

Mr. X: Some feedback from Mr. X

This is where we demonstrate the draft note

1.5 Shortcuts for Specific Units of Measurement

Base-2 data sizes: `kib` (4 KiB), `mib` (10 MiB), and `gib` (2 GiB).

BE SURE TO INCLUDE EXAMPLES OF EACH TYPE HERE

Example 1

1.6 Including plain text

The `plaintext` environment ignores TeX control characters, but still typesets paragraphs.

This text includes TeX control characters like %, &, or \$ without escaping them.

Unlike verbatim, it does not preserve white space nor use a typewriter font. Paragraphs are still typeset as normal (%&\$!).

The `inputplaintext` command will input a whole file as plain text prose.

In this example, the abstract is included as plain text so that it can be more easily copied to other media.

1.7 Draft-Only Content

There is `draftonlysection` for an entire section that should not be present in the `final` version of the document. Examples of that are the version information.

Use `scratch` to block off text that is on its way to being deleted. The `scratch` macro takes an optional first argument to explain the deletion.

Imagine this is a previous version of the paragraph. We are temporarily keeping it around for comparison.

THIS IS AN EXAM-
PLE OF TEXT THAT
WILL BE OMITTED
IN FINAL

2 Example Graphviz Diagrams

For an example Graphviz diagram, see fig. 1. The digram was generated from the source given in listings 1 and 2.

Listing 1: M4 Macros included in Graphviz code

```
// dot files are preprocessed with M4
// So you can define common macros here to use in all diagrams

define(TENTATIVE, 'style="dashed"')
```

Listing 2: Example Graphviz code

```
digraph{
    hello -> world [TENTATIVE]
    world -> "!" [TENTATIVE]
}
```

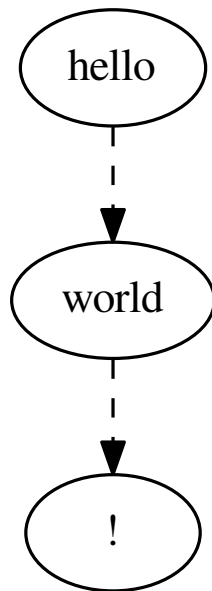


Figure 1: Example Graphviz (dot) diagram

3 Other Examples

3.1 Glossary Use

Machine learning (ML) in cyber-physical systems. ACM.

3.2 Bibliography/References

Glossary








cyber-physical system A computational system that is tightly conjoined with the physical world. 4

ML machine learning. 4

Journals and Conferences

ACM Association for Computing Machinery. 4

Todo list

Write: Explain idea X	2
Write: Explain idea Y	2
 Example todo	2
 Ask : Question for collaborator	2
 Ask Mr. X: Question for Mr. X	2
 Ask : Question with additional options passed to <code>todo</code> , e.g. <code>inline</code> . .	2
 Feedback: Some feedback here	2
 Mr. X: Some feedback from Mr. X	2
 Feedback: Some feedback with additional options passed to <code>todo</code> , e.g. <code>inline</code>	2

Document Version and History (draft only)

Document date: 2018-05-08

Git source version: 97b0f88, plus uncommitted changes to 6 files

Recent history:

```
* 97b0f88 Add gitignores for more custom glossaries
* 5739497 Example references
* d637467 Example glossary
* b919db7 Don't break compatibility with old browser
* 30c2d8e Update template and browser calling convention
* 59c34f0 Halt pdflatex on error
* ba8a82b Backup package for multi-citations if no biblatex
* e99bbd4 Protection from Unicode characters in listings
* 68b6bd2 Update READMEs
* e736c3e Refactor plain text abstract into a macro
```

Repository URL:

https://github.com/sleepymurph/template_latex_article

***** This section will not be present in the final version of the document *****