Platypus Implementation Plan

v. 2.0

Milestone 1 *(Released as v. 0.1.6.x)*

Sufficient for many letters and short documents:

- Text using basic Type 1 fonts
- Bold, italics, underline
- Strikethrough text
- Foreign characters: enough to do French, Spanish, and German completely, plus a few symbols
- Justification: full, center, and right
- Page size, including 50 pre-defined page sizes and custom sizes
- Margins, including separate margins for left/right pages
- Paragraphs with/without indents
- Page-number footer
- Debugging features (dump of variables w/ line numbers where they were set)

Milestone 1.5 *(Released as v. 0.2.0, December 2009)*

New Architecture And New Key Features

- Plug-in architecture
- Plug-in for colorized Platypus listings in HTML
- Use of OpenType and TrueType fonts and TrueType collections
- Multiple columns
- Paragraph indentation from either or both sides
- Enhanced debug capabilities

Milestone 2 *(end of 1Q 2010)*

All features of Wiki mark up, markdown, etc.

- Colored text and background
- Formatted code listings
- Part, chapter, and sections: heading and applicable styles
- Embedded URLs and links that can be followed
- HTML output
- Bulleted items and lists
- More symbols and foreign characters

Milestone 3

Features sufficient for most documents without tables or images:

- Hyphenation in multiple languages

- Ability to specify hyphenation character

- Full headers and footers

- Footnotes

- Superscripts, subscripts

- Tabs/Tabbed columns

- Graphics and images

Milestone 4

(At this point, begin initial promotional efforts, presentations, etc.)

Features sufficient for most documents without equations:

- Anchored references automatically updated

- Tables

- Marginal text

- Language-specific support for listings:
    - Line numbers (starting from 1, other #, or built-in variable)
    - Knowledge of where to break line and indent subsequent text
    - Knowledge of what constitutes a comment, add formatting to it
- Position text; move up/down, right/left at will
- Barcodes

Milestone 5

(Release 1.0! Greater promotion, including possible articles, etc.)

Features should be sufficient for all documents:

- Combine/include Platypus files

- Equations

- Index generation

- Full scripting

- Templates

- Macros (partially implemented now)

- Colored background

- Watermarks

- eText support

Note: Priorities can change based on user needs and requests. Feedback is welcome and should be sent to *platypus@pz.org*

(This document was created using Platypus; and revised in December 2009. To see the original Platypus input, go to: http://platypus.pz.org/examples/milestones.txt)