

# Apache POI - HWPf - Java API to Handle Microsoft Word Files

## Project Plan

by Ryan Ackley

HWPf Milestones

| Milestones   | Target Date            | Owner        |
|--|------------------------|--------------|
| Read in a Word document with minimum formatting (no lists, tables, footnotes, endnotes, headers, footers) and write it back out with the result viewable in Word 97/2000 | 07/11/2003             | Ryan         |
| Add support for Lists and Tables   | 8/15/2003              |              |
| HWPf 1.0-alpha release with documentation and examples   | 8/18/2003              | Praveen/Ryan |
| Add support for Headers, Footers, endnotes, and footnotes  | 8/31/2003              | ?            |
| Add support for forms and mail merge   | September/October 2003 | ?            |

HWPf Task Lists

Read in a Word document with minimum formatting (no lists, tables, footnotes, endnotes, headers, footers) and write it back out with the result viewable in Word 97/2000

| Task   | Target Date | Owner   |
|--|-------------|---------|
| Create classes to read and write low level data structures with test cases | 7/10/2003   | Ryan    |
| Create classes to read and   | 7/10/2003   | Praveen |

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|   |           |      |
|---|-----------|------|
| write FontTable and Font names with test case |           |      |
| Final test                                    | 7/11/2003 | Ryan |

Develop user friendly API so it is fun and easy to read and write word documents with java.

| Task  | Target Date | Owner |
|---|-------------|-------|
| Develop a way for SPRMS to be compressed and uncompressed   |             |       |
| Override CHPAbstractType with a concrete class that exposes attributes with human readable names          |             |       |
| Override PAPAbstractType with a concrete class that exposes attributes with human readable names          |             |       |
| Override SEPAbstractType with a concrete class that exposes attributes with human readable names          |             |       |
| Override DOPAbstractType with a concrete class that exposes attributes with human readable names          |             |       |
| Override TAPAbstractType with a concrete class that exposes attributes with human readable names          |             |       |
| Override TCAbstractType with a concrete class that exposes attributes with human readable names           |             |       |
| Develop a VerifyIntegrity class for testing so it is easy to determine if a Word Document is well-formed. |             |       |
| Develop general intuitive API to tie everything together  |             |       |

## *Apache POI - HWPF - Java API to Handle Microsoft Word Files*

Add support for lists and tables

| Task   | Target Date | Owner |
|--|-------------|-------|
| Add data structures for reading and writing list data with test cases. |             |       |
| Add data structures for reading and writing tables with test cases.    |             |       |

HWPF 1.0-alpha release with documentation and examples

| Task                           | Target Date | Owner |
|--------------------------------|-------------|-------|
| Document the user model API    |             |       |
| Document the low level classes |             |       |
| Come up with detailed How-To's |             |       |