

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 SEPAAbstractType with a concrete class that exposes attributes with human readable names		
Override DOPAAbstractType with a concrete class that exposes attributes with human readable names		
Override TAPAAbstractType with a concrete class that exposes attributes with human readable names		
Override TCAAbstractType 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		

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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		