The **LuaPersian** Package
http://bitbucket.org/vafa/luapersian
Persian for LaTeX 2_ε over LuaTeX

Vafa Khalighi

vafa018@gmail.com

July 13, 2011 Version 0.1

1 Introduction

LuaPersian package is the successor to XePersian package. Most of the things that used to work in XePersian and bidi also work in LuaPersian but with few exceptions mentioned later in this document. This does not mean that those features of XePersian package will not be supported by LuaPersian package; but because LuaPersian is under rapid development, those features have not been implemented yet, but they will be implemented in future versions of LuaPersian package. This means that your XePersian documents with very minor changes will work in LuaPersian as well.

XePersian package is frozen, obselete and no more development will be done, thus users of XePersian package are encouraged to use LuaPersian package instead.

2 Things that used to work with **XePersian** but not supported by the current version of **LuaPersian**

☞ There is no `Kashida` option.

☞ There is no implementation of `xepersian-magazine` class.

☞ There are no \setLTR, \setLR, \setRTL, \setRL, \unsetRL, \unsetRTL, \unsetLTR, \LR, and \RL commands.

☞ There is no `extrafootnotefeatures` option.

☞ There is no \SepMark and \@SepMark commands. (not essential at all)

☞ There is no \rcases command. (not essential at all)

☞ There is no implementation of bidimoderncv class.

3 What has changed?

☞ `\xepersianversion` and `\xepersianversion` commands are changed to `\luapersianversion` and `\luapersiandate` commands respectively.

☞ The name of xepersian-multiplechoice is changed to luapersian-multiplechoice.

☞ We decided to not change `\raggedright` and `\raggedleft` commands since they are used in many packages and classes. Instead we created `\bidiraggedleft` and `\bidiraggedright` which give logical results both in RTL and LTR. However the flushright and flushleft environment give logical result. The same is true for ragged2e package.

☞ The name of bidiftnxtra package is changed to luapersianftnxtra package.