4 New Conditionals

4.1 Shell escape (or write18) conditional

\ifwriteviii
  ⟨material when Shell escape (or write18) is enabled⟩
\else
  ⟨material when Shell escape (or write18) is not enabled⟩
\fi

5 Bilingual Captions

XePersian sets caption bilingually. This means if you are in RTL mode, you get Persian caption and if you are in LTR mode, you get English caption.

5.1 Support For Various Packages

In addition to what bidi package supports, XePersian also support a few packages. This support is more about language aspect rather than directionality. These packages are algorithmic, algorithm, enumerate, and backref packages.

5.1.1 Things You Should Know about Support For enumerate Package

The enumerate package gives the enumerate environment an optional argument which determines the style in which the counter is printed.

An occurrence of one of the tokens A, a, I, i, or 1 produces the value of the counter printed with (respectively) \Alph, \alph, \Roman, \roman or \arabic.

In addition with the extra support that XePersian provides, an occurrence of one of the tokens ل, ي, or ت produces the value of the counter printed with (respectively) \harfi, \adadi, or \tartibi.

These letters may be surrounded by any strings involving any other \TeX expressions, however the tokens A, a, I, i, 1, ل, ي, ت must be inside a {} group if they are not to be taken as special.

To see an Example, please look at enumerate package documentation.

5.2 Index Generation

For generating index, you are advised to use xindy program, any other program such as makeindex is not recommended.

5.3 Converting Your Farsi\TeX Files To XePersian or Unicode

There is a python program written by Mostafa Vahedi that enables you to convert Farsi\TeX files to XePersian or unicode. This program can be found in doc folder with the name ftxe-0.12.py. To convert your Farsi\TeX files to XePersian, put ftxe-0.12.py in the same directory that your Farsi\TeX file is, and then open a terminal/command prompt and do the following: