# PocketBook Dictionary Converter

This software converts dictionary formats XCXF, Dict and Lingvo DSL to format supported by PocketBook.

To create dictionary it’s necessary to prepare 3 files containing information about dictionary initial language:

* collates.txt – lowercase and accented to uppercase symbols convertion table
* morphems.txt – morphems list, wil be used for word forms recognition in next dictionary versions
* keyboard.txt – keyboard layout for initial language.

Those files should have UTF-8 encoding. Examples for Russian and English are included in archive containing converter (eng and rus folders).

## Morphemes list

File morphemes.txt can contain next items.

1. Symbol classes

%number=symbols\_list

For example, symbol classes ‘English vowels’, ‘English consonants’ described by next strings:

%1=aeiou

%2=bcdfghjklmnpqrstvwxz

1. Morphemes

^suffix1/suffix2/...=variant1/variant2/...

If suffix matches with one from the left side, search among all suffix variants in the right side will be performed. The highest priority has the initial word form, then varinats from the left to the right.

Mask ‘?’ and digits 0-9 can be used in the left side. ‘.’ in the right side means initial symbol in suffix to replace.

Examples:

^?ly=.

Words ‘recently’, ‘rapidly’ will be replaced with ‘recent’, ‘rapid’.

## Dictionary Creation

Copy initial dictionary to the folder DictionaryConverter. Converter launches from the command line:

converter.exe initial\_dictionaty language\_info\_folder

Example:

converter.exe dict.xdxf eng

Alternatively, in Explorer drag-and-drop initial dictionary and language info folder to converter.exe simultaneously (holding Ctrl button).

If conversion succeeded, a .dic file should be created. Copy it to the \system\dictionaries.