

Short documentation of the vocal VoxPreTeX.

Eric Amar

VoxPreTeX works with Mac OSX "Maverick" or more recent :

Dragon Dictate Premium (Français and English) Version 4 (Version éducation)
and with Windows 8 or more recent :

Dragon naturally Speaking Premium (Français and English) Version 13 (Version éducation).

1 To do first.

In the menu :

dragon -> outil -> (Options de) formatage automatique
you need to suppress all formatages. If not, in formula you cannot write : $2f$; this will be seen as two degrees Farenheit and change the presentation in a strange way !

You have to add all the "key words".

For mac OS X in the menu :

dragon -> outil -> vocabulary -> users

you hit the "plus" and here you write the new word, for instance : jpretex, and you write its pronunciation : J pretex in the right place. Then you pronounce it three times as asked.

For windows in the menu :

dragon -> Vocabulaire -> Ajouter un mot ou une expression au vocabulaire ,
yo write the new word in the case "Epelez" for instance : jpretex, and you write its pronunciation : J pretex in the la case "Forme orale ..." : J pretex.

Then you click on "Ajouter" then on "Enregistrer" and you pronounce it when you have the "green".
You can pronounce it three times then you click on "Terminer".

The word are in small case without space but the pronunciation are with a capital J then a space !

2 List of the key words. In text mode.

You must add all these key words, as below :

Dire :

Writed and *pronounced*:

jpretex *J pretex* : a menu with the following possibilities :

Save : save the document on the hard disc.

Preview : show the preview of this document.

ect ...

jsuppress *J suppress* : erase the character before the caret.

jdelete *J delete* : erase the character following the caret.

jwhite *J white* : put a space at the caret position.

jformula *J formule* : start the formula mode.

jas *J K* : go to the formula mode just for a character.

jforward *J forward* : forward one character.

jback *J back* : back one character.

jcopy *J copy* : copy the selected text in the buffer.

jpaste *J paste* : paste the buffer in the document.

jcor *J cor* : start the correction mode in the "notepad".

jsave *J save* : save the document in the hard drive.

jend *J end* : go at the end of the line.

jhome *J home* : go at the beginning of the line.

jsave *J save* : save the document on the hard drive.

jprogram *J program* : start the programmed key, ex. J program r : change the font to the roman standard.

3 In formula mode.

To start the formula mode, say : *J formula*.

jsuppress *J suppress* : erase the character before the caret.

jwhite *J white* : add a space at the caret position.

enter *enter* : ends a symbol or go to the next character.

The symbols sont codés "en dur", donc il n'y a pas à les rajouter.

Les symboles sont are "hard" coded by their name, ex. : *integral*, *sum*, *exponent*, *index* etc.

The caret goes automatically to the lower borne etc...

Here is an example :

$$f(x) = f(0) + \int_0^x f'(\alpha) d\alpha.$$

To get this formula :

1) You start Dragon (you have already created a profile for Voxpretex as it was said in the first section).

2) You start Voxpretex.

3) You dictate the text then you say : *period new line*. The caret goes to the new line and you say *tab key*, *tab key* this advance the caret twice a tabulation.

4) You start the formula mode by saying *J formula* then :
f parenthesis (draw the two parentheses and put the caret between) *x enter* (put the caret after the closing parenthesis) *equal f parenthesis zero enter plus integral* (the caret goes to the lower borne) *zero enter* (the caret goes to the upper borne) *x enter* (the caret goes to the integrand) *f prime parenthesis alpha enter d alpha enter* (the integral is finished) *period enter* (the formula is finished and we start the text mode).

4 Some keyboard commands.

With Mac, say :

Down arrow : go to do next line ;

three words right : move the caret three words to do right ;

etc... see the Dragon Documentation.

In Windows see the Dragon Documentation.

5 Attention.

Because "Dragon" has a non-perfect representation of your document VoxPreTex, to avoid an "erratic" behaviour, you have to say "*purge cache*" before saying "*period*". The same after a vocal correction.