

MagicKeys

Roel Wuyts

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Smalltalking = Browsing

- The power of a Smalltalker is the power of its environment:
 - Browsing classes and class hierarchies
 - Browsing methods
 - Finding senders/implementors
 - ...
- ==> Environment is extremely important!

MagicKeys

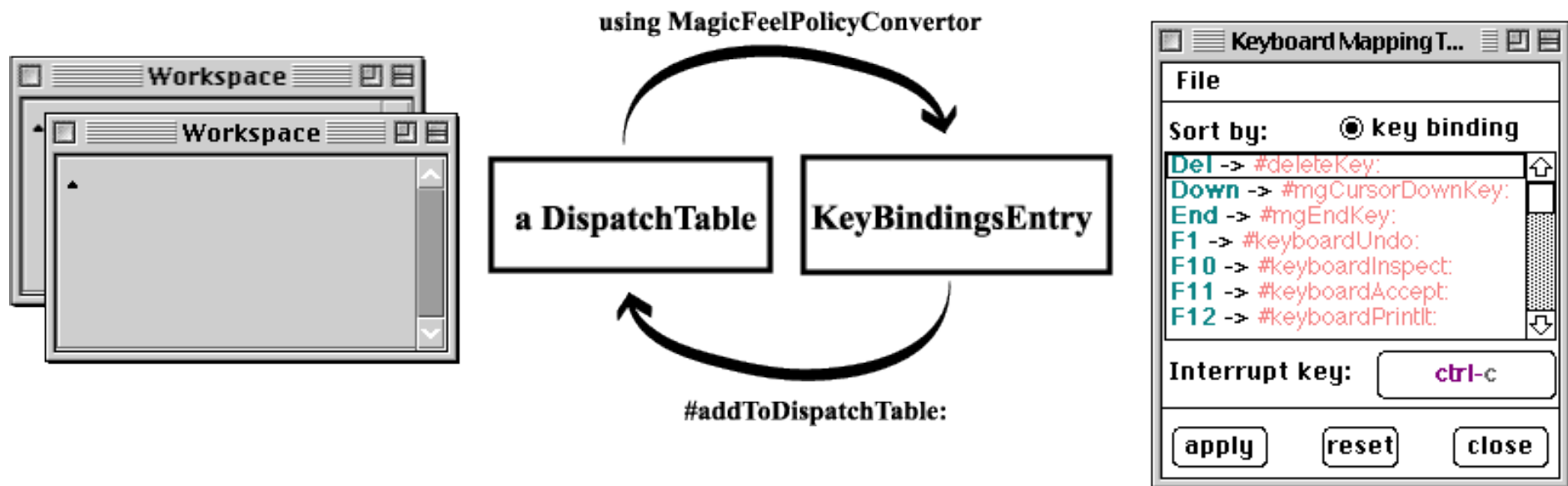
- How to bring the power of the Smalltalk environment at your fingertips ?

==> MagicKeys !

- Showing the list of keybindings
- Manipulating keybindings
- Loading/saving of keybindings
- Seeing all possible keybindings commands

Demo

Implementation



Dispatchtable \leftrightarrow KeyBindings

- dispatchTable:
baseTable: *$\$a \rightarrow \#(nil \#action1 \ nil \ nil \ nil \ nil \ nil \ nil \ #action2 \ \dots)$*
composeTable:
 $ESC \rightarrow \#(\$(\#action \ \$) \ #action2$
- KeyBindings = char \rightarrow event

Hairy things

- UIFeelPolicy/ParagraphEditor way of handling *alt* and *meta* keystrokes
- Ctrl-?? characters: constants in the TextConstants Dictionary
- UISettings integration

Limitations/Problems

- Unloading: does not always works at this moment. Manually set FeelPolicy to something after unload
- Only Ctrl-?? can be interrupt key
- On Mac: alt- and meta modifiers swapped ?!
Roland ? :-)

Get it Where ?

- My web-page:

<http://www.iam.unibe.ch/~wuyts/>

- Cincom Public *Store* (for VW5i)

- Versions for:

- VisualWorks Envy/4
- VisualWorks 3
- VisualWorks 5i