Do you know your browser?

Koen De Hondt

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ESUG’23 — Lyon, France

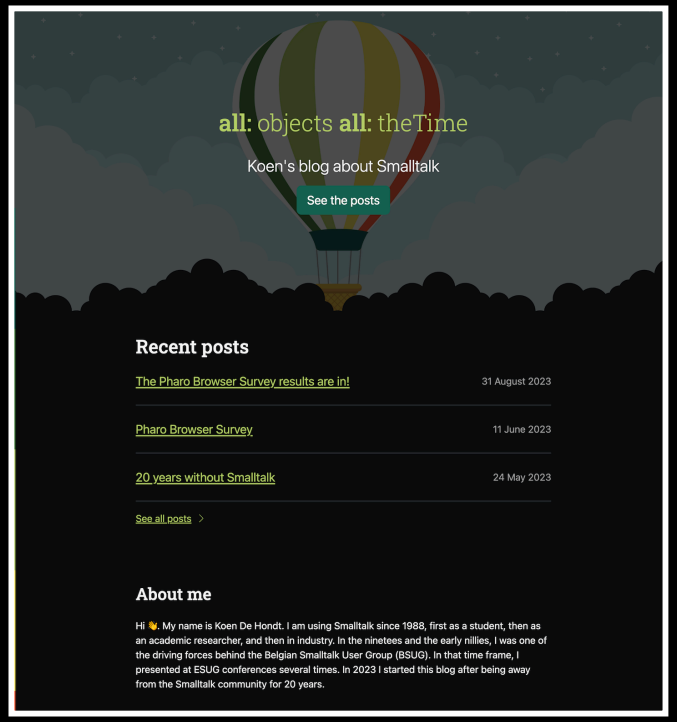
Objectives

- Present the results of a survey on the Pharo browser
- Let you take away at least one browser feature that you did not know

About me

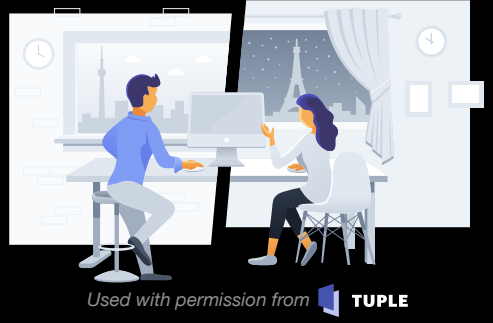
Yesplan

https://yesplan.be

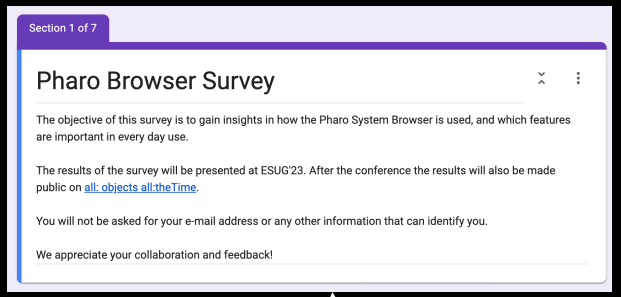


https://all-objects-all-the-time.st

Pharo Browser Survey



Used with permission from TUPLE



✨ Pharo tip of the week ✨

When you want to remove the character before the insertion point, you use the Backspace key.

Did you know that you can press Shift-Backspace to remove the whole word before the insertion point?

✅ to say that you knew this feature
❌ to say that you did not know this feature

Control-Backspace since Pharo 11

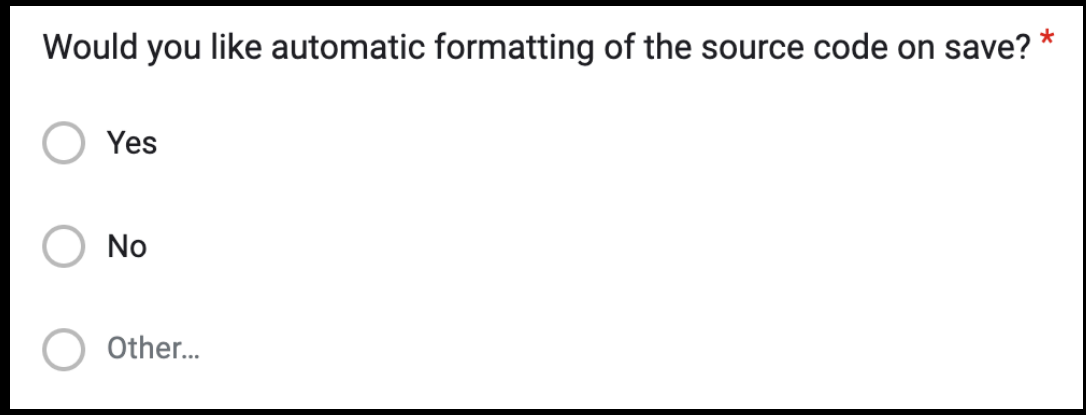
Pharo Browser Survey

63

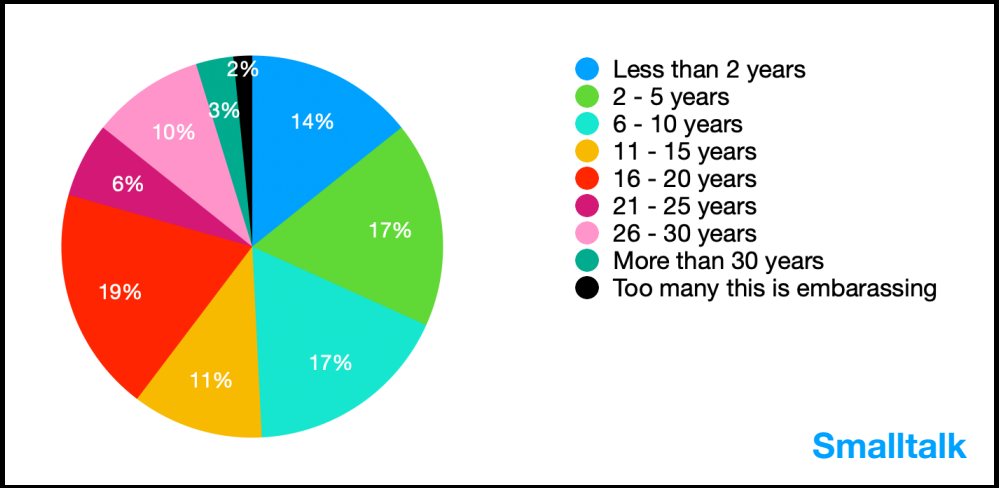
respondents between 26 May and 3 August 2023

33

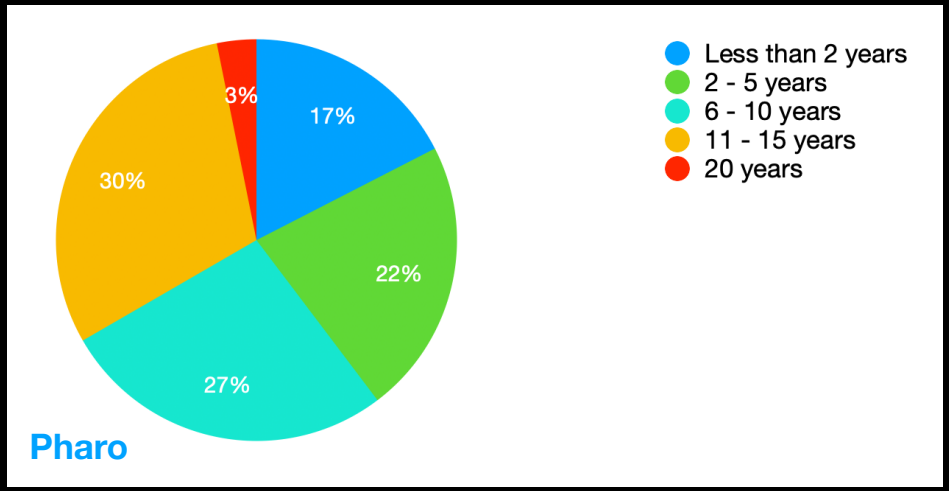
questions



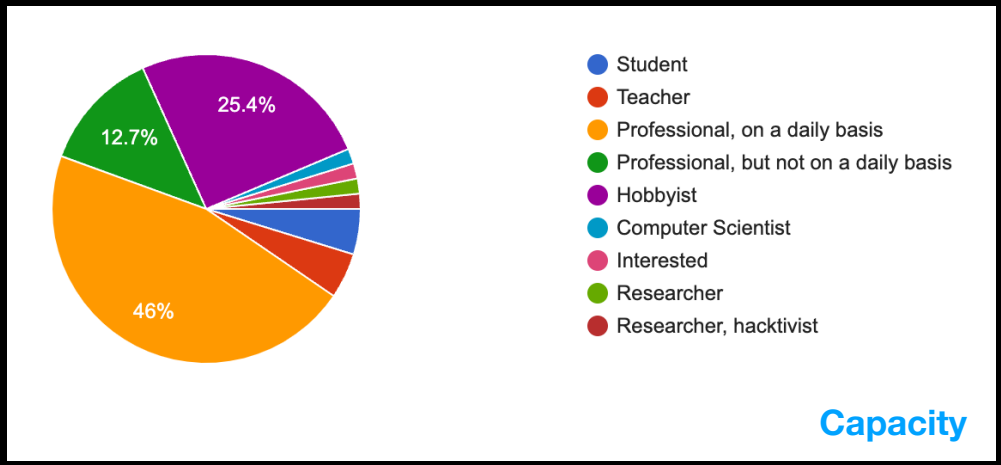
About the respondents



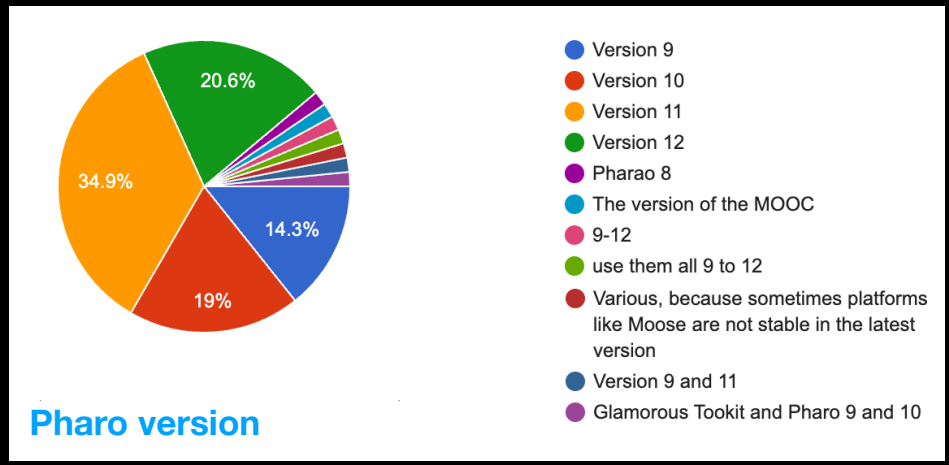
Smalltalk



Pharo

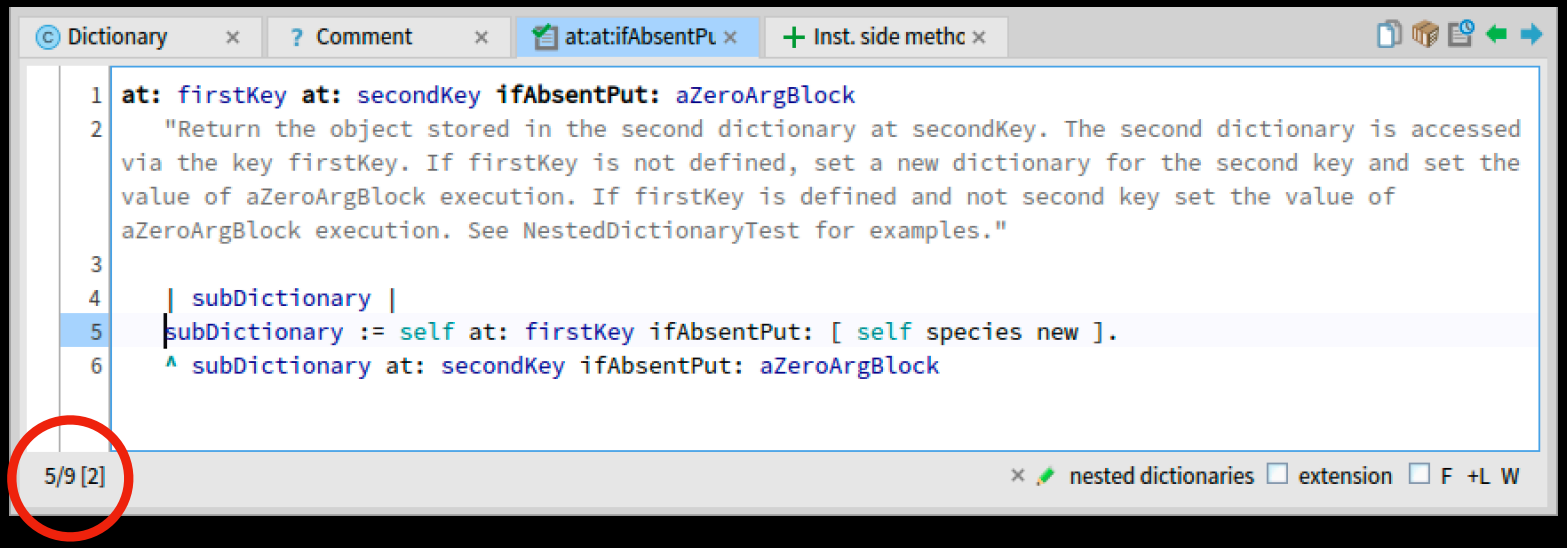


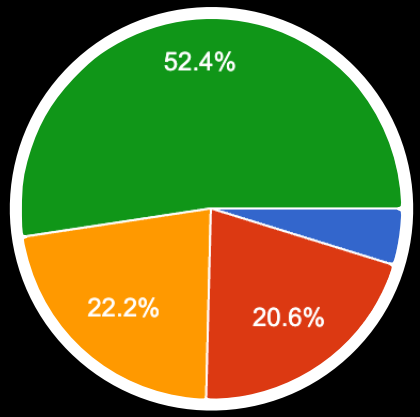
Capacity

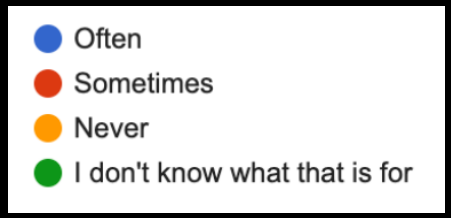


Pharo version

Do you use the info indicated in red?







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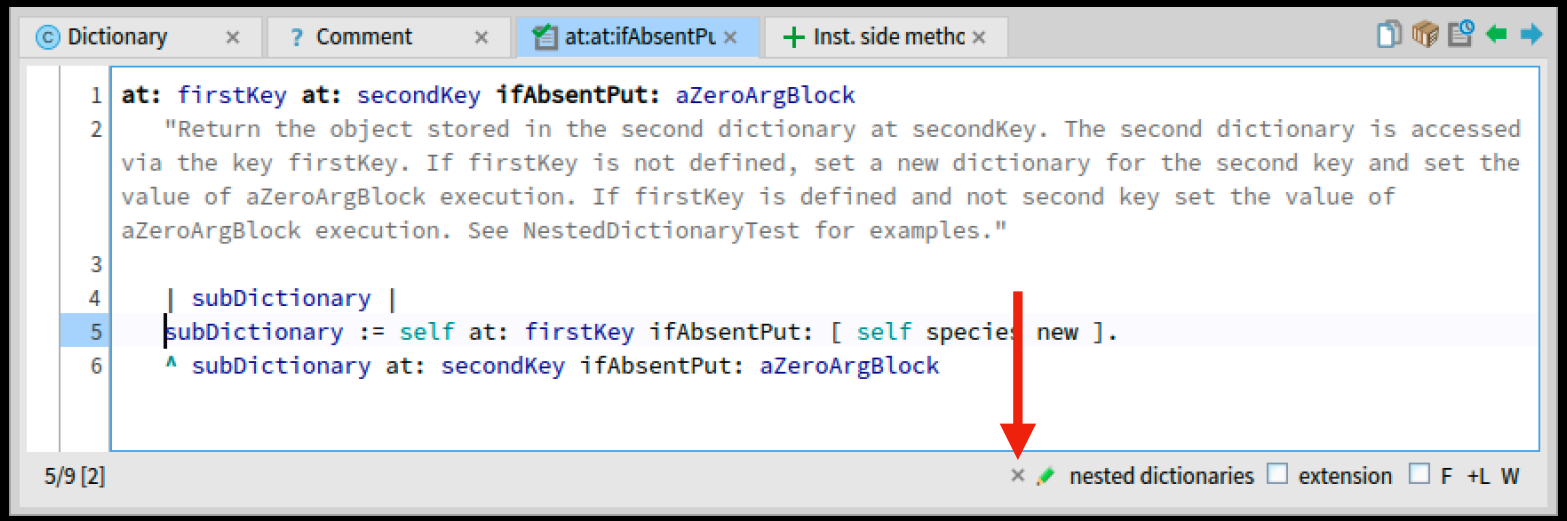

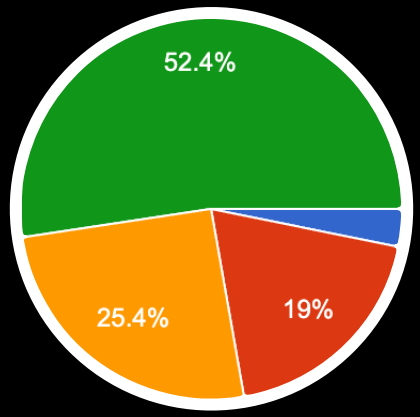

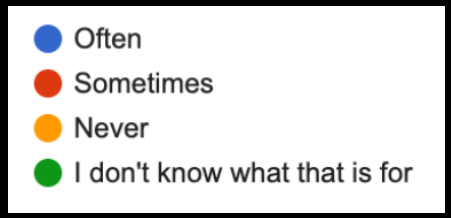

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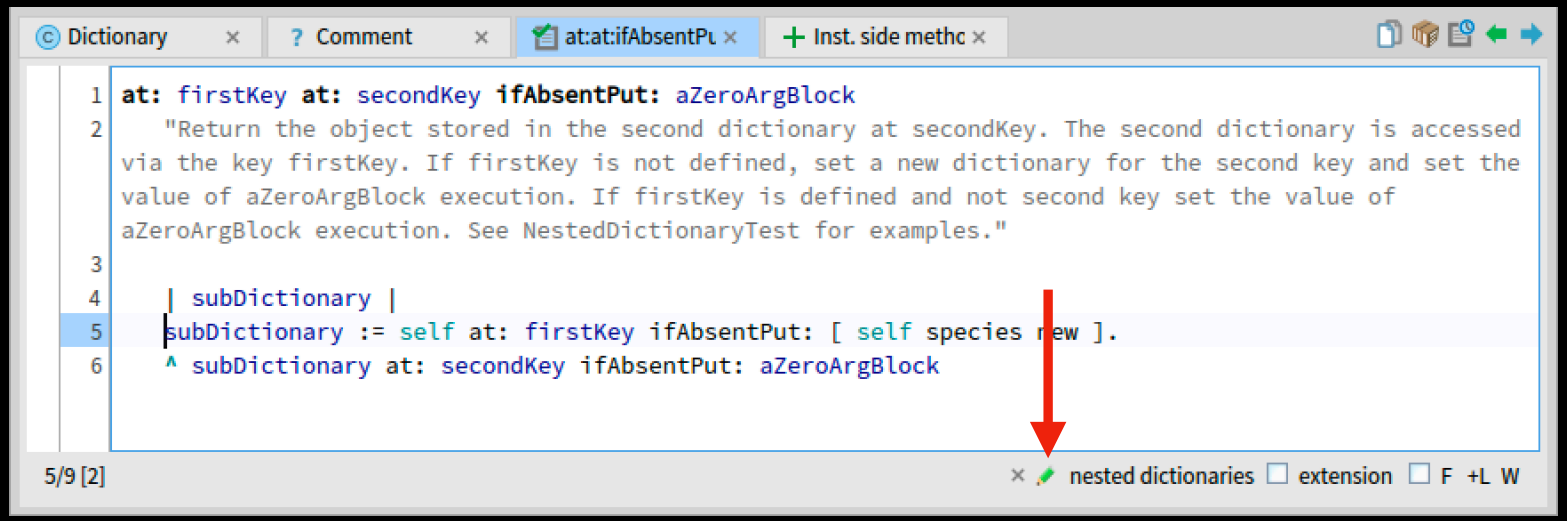

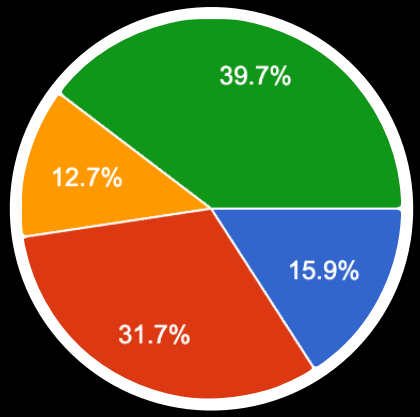

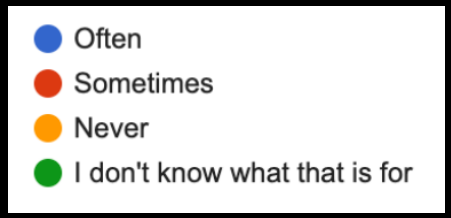

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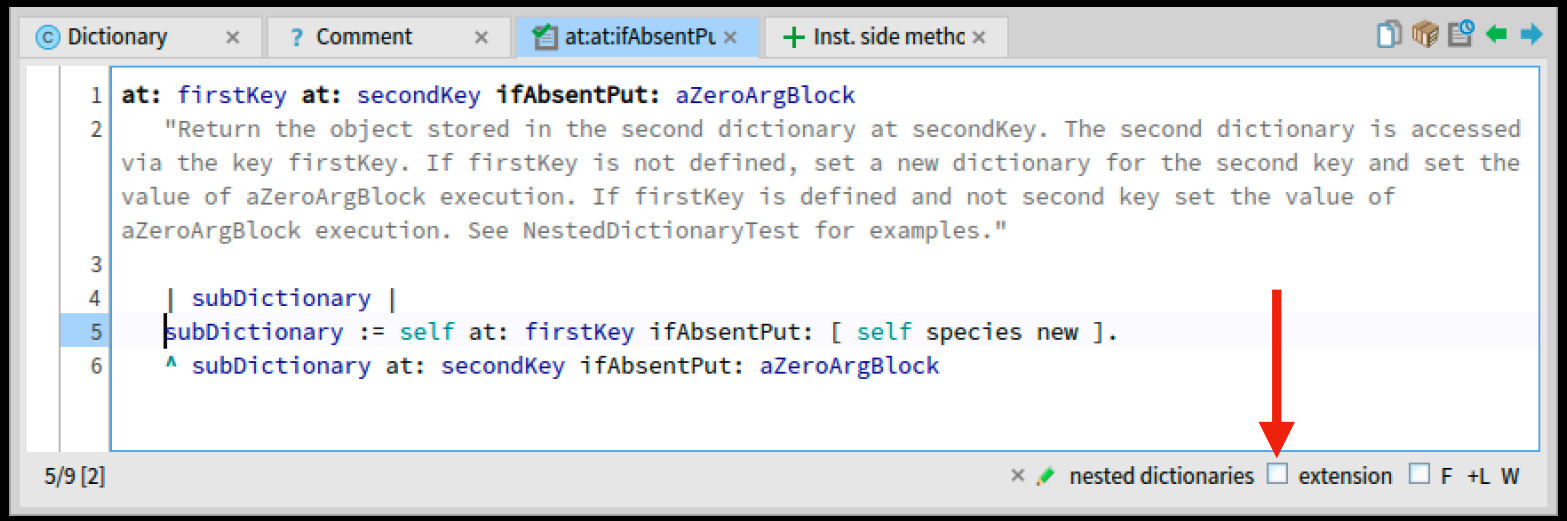

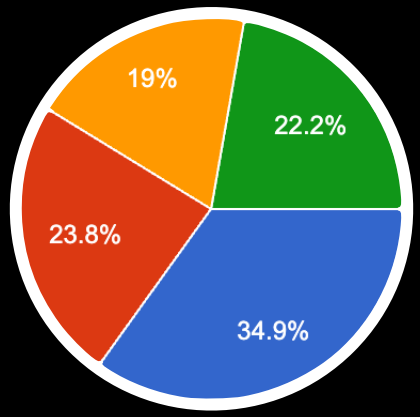

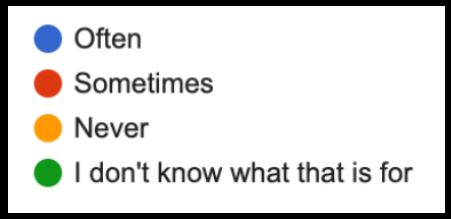

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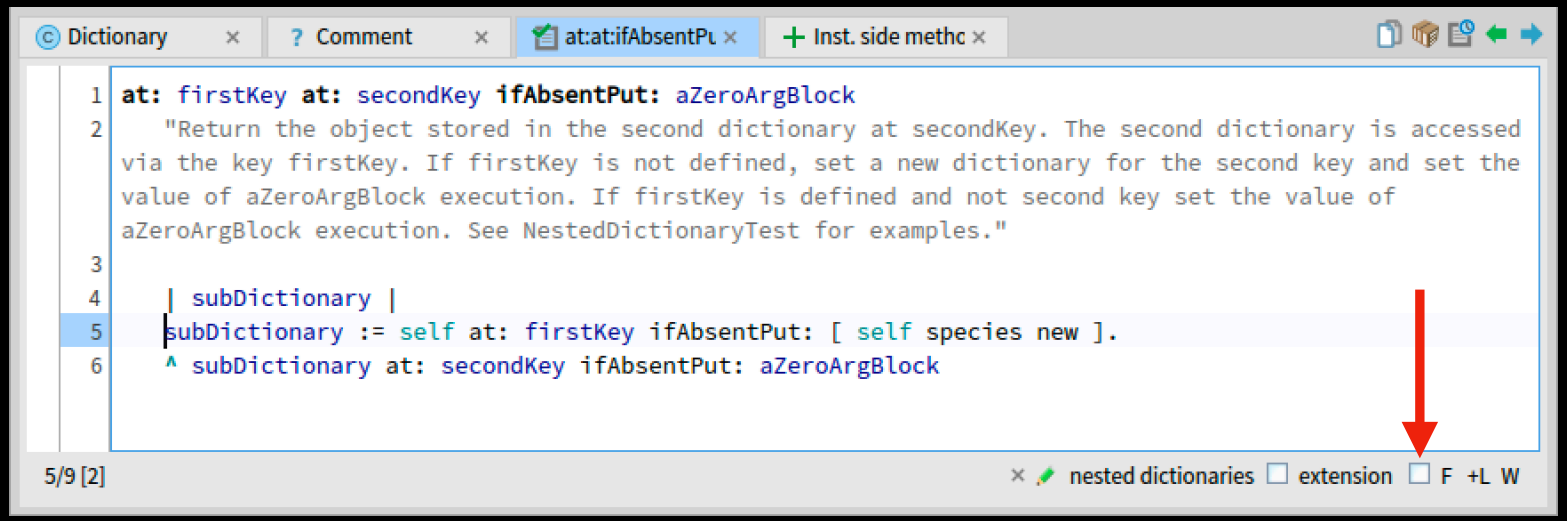

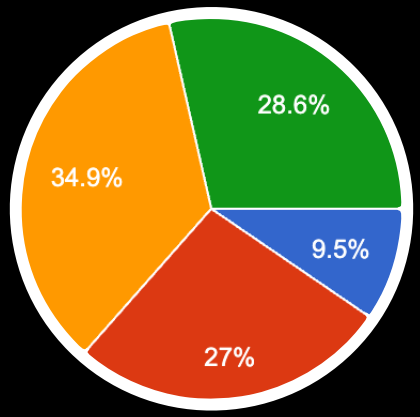

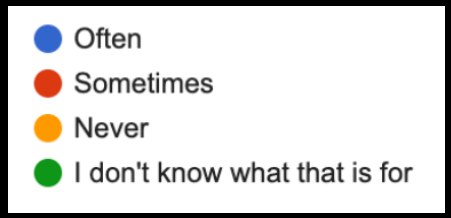

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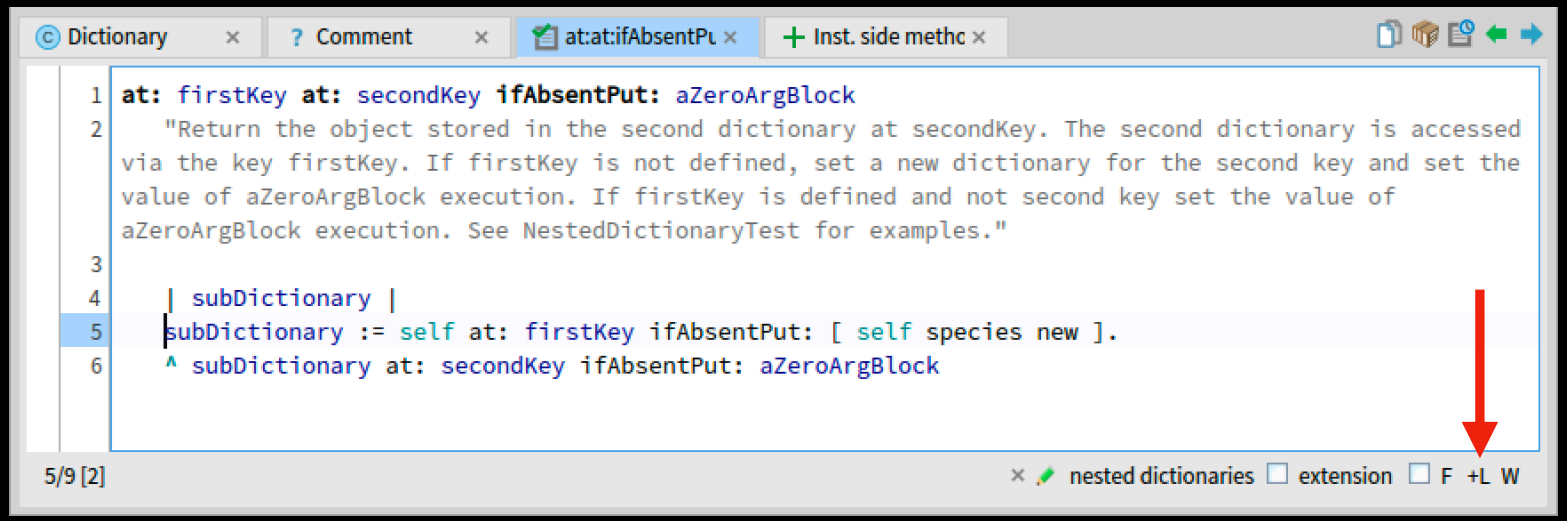

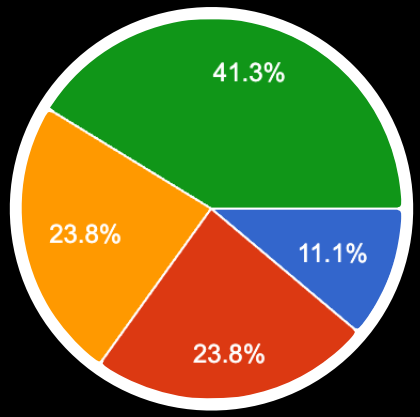

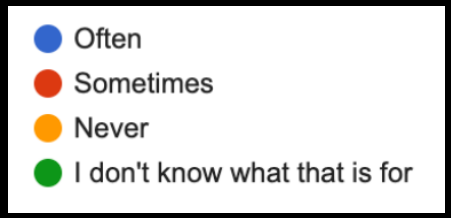

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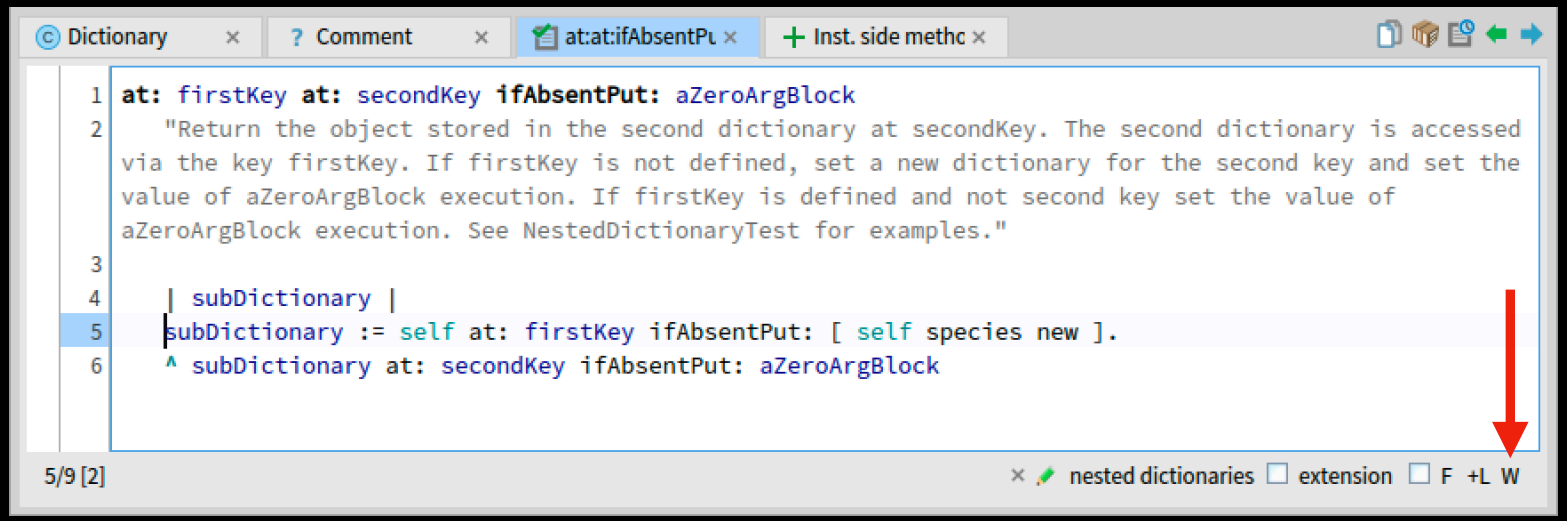
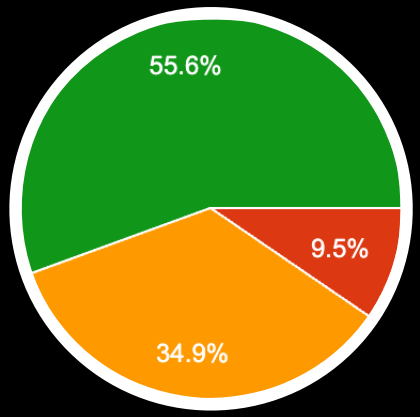
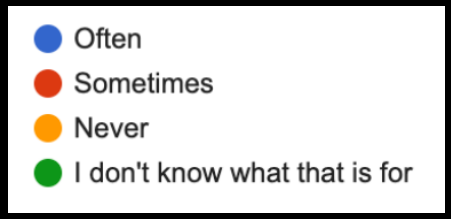
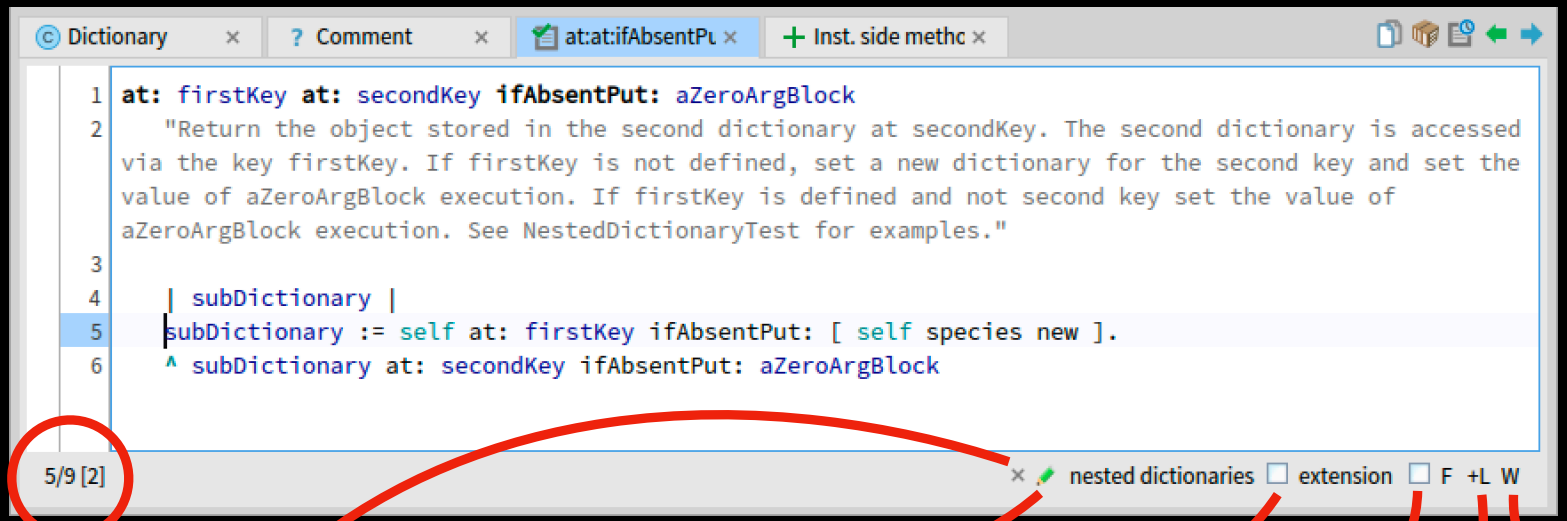
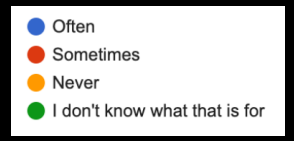


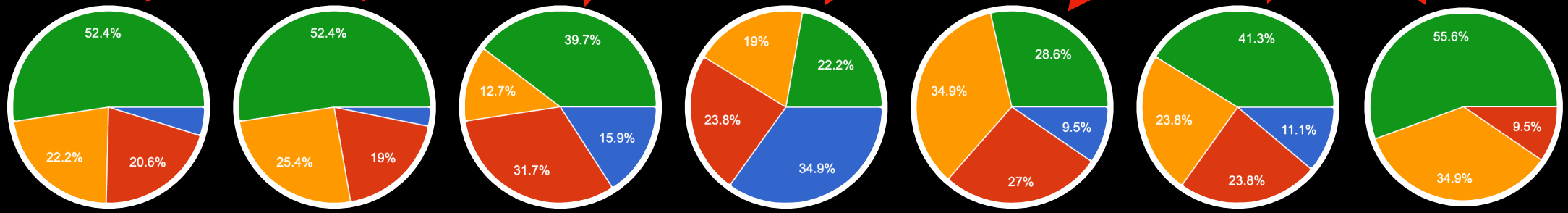




Summary


Dictionary
Comment
at:at:ifAbsentPu
Inst. side methc
1 at: firstKey at: secondKey ifAbsentPut: aZeroArgBlock
2 "Return the object stored in the second dictionary at secondKey. The second dictionary is accessed via the key firstKey. If firstKey is not defined, set a new dictionary for the second key and set the value of aZeroArgBlock execution. If firstKey is defined and not second key set the value of aZeroArgBlock execution. See NestedDictionaryTest for examples."
3
4 | subDictionary |
5 subDictionary := self at: firstKey ifAbsentPut: [self species new].
6 ^ subDictionary at: secondKey ifAbsentPut: aZeroArgBlock
5/9 [2]
nested dictionaries
extension
F
+L
W


Often
Sometimes
Never
I don't know what that is for


52.4%
22.2%
20.6%
52.4%
25.4%
19%
39.7%
12.7%
15.9%
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19%
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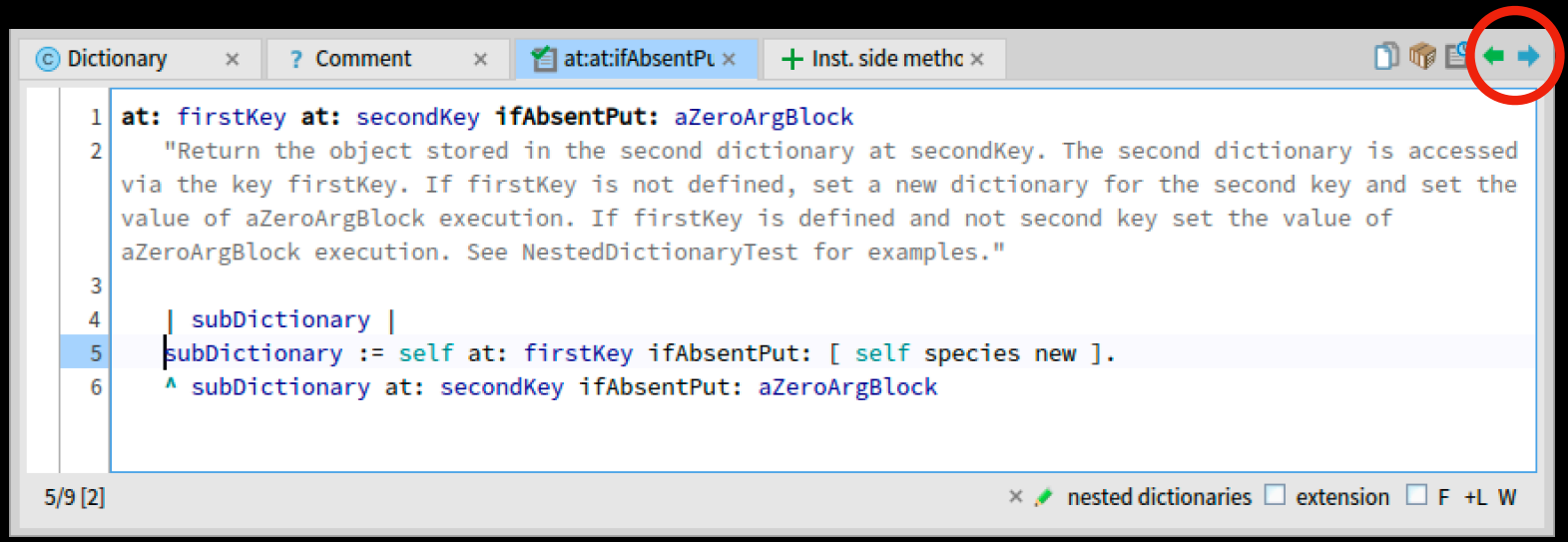
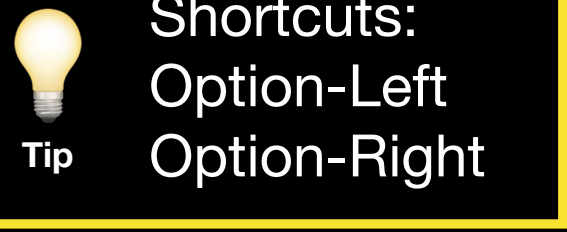
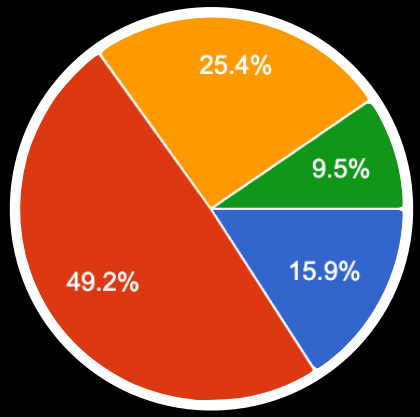
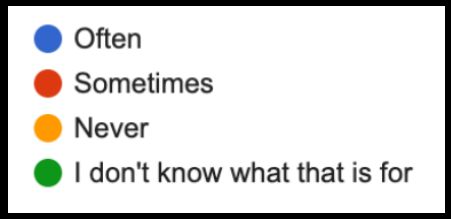
23.8%
34.9%
28.6%
34.9%
9.5%
27%
41.3%
23.8%
11.1%
23.8%
55.6%
9.5%
34.9%

Do you use the tools indicated in red?









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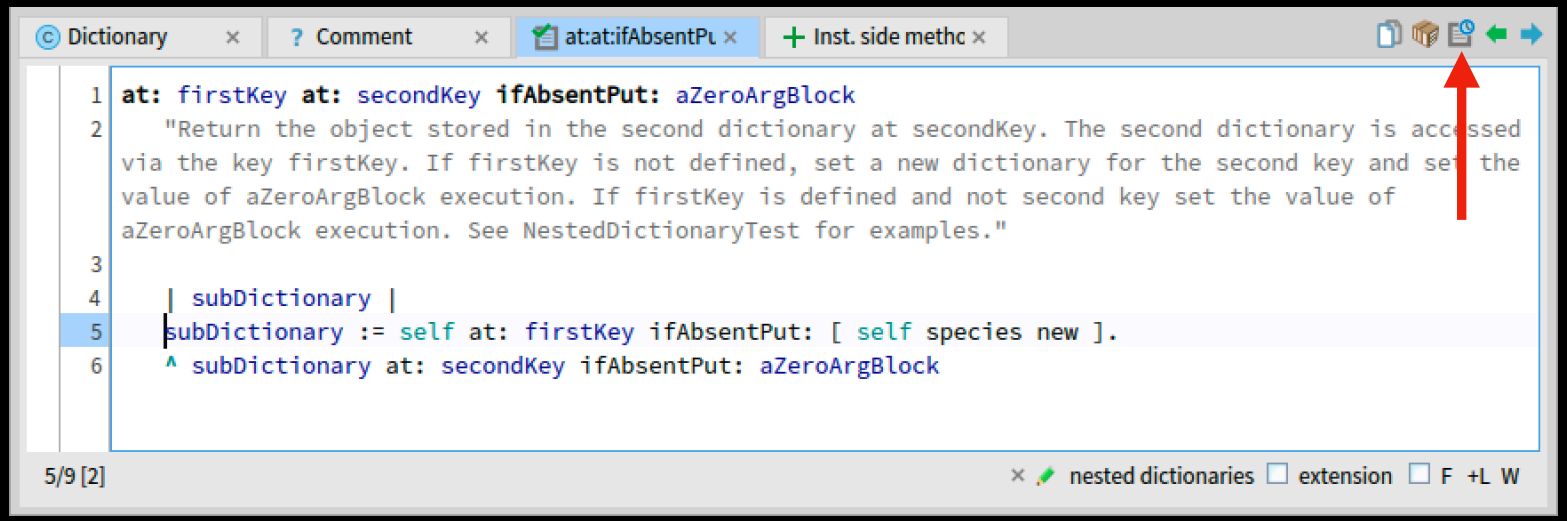

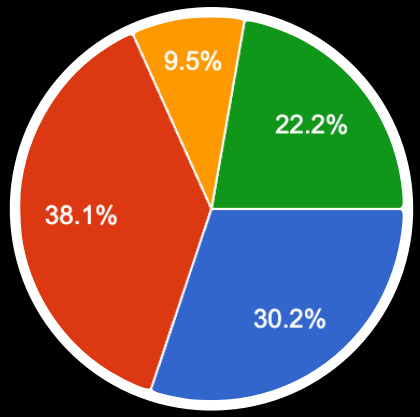

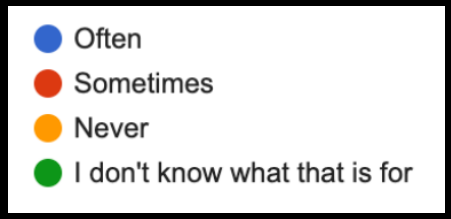

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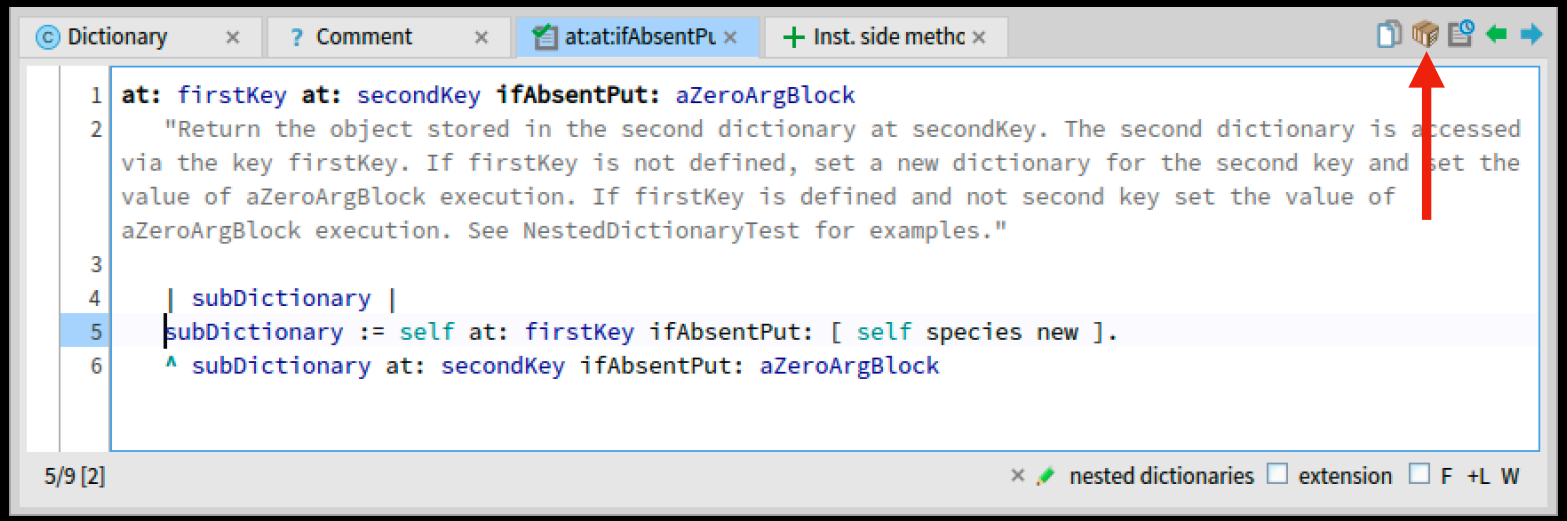

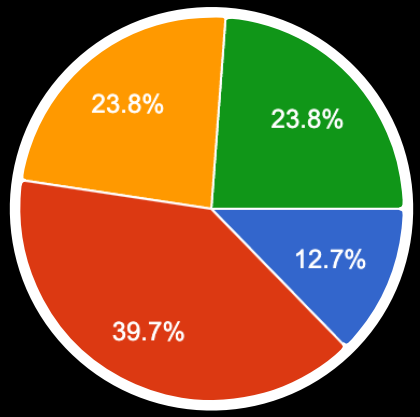

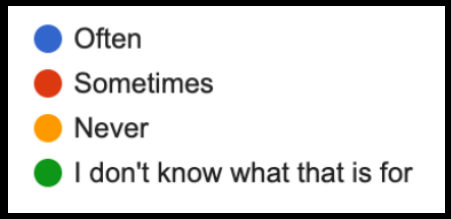

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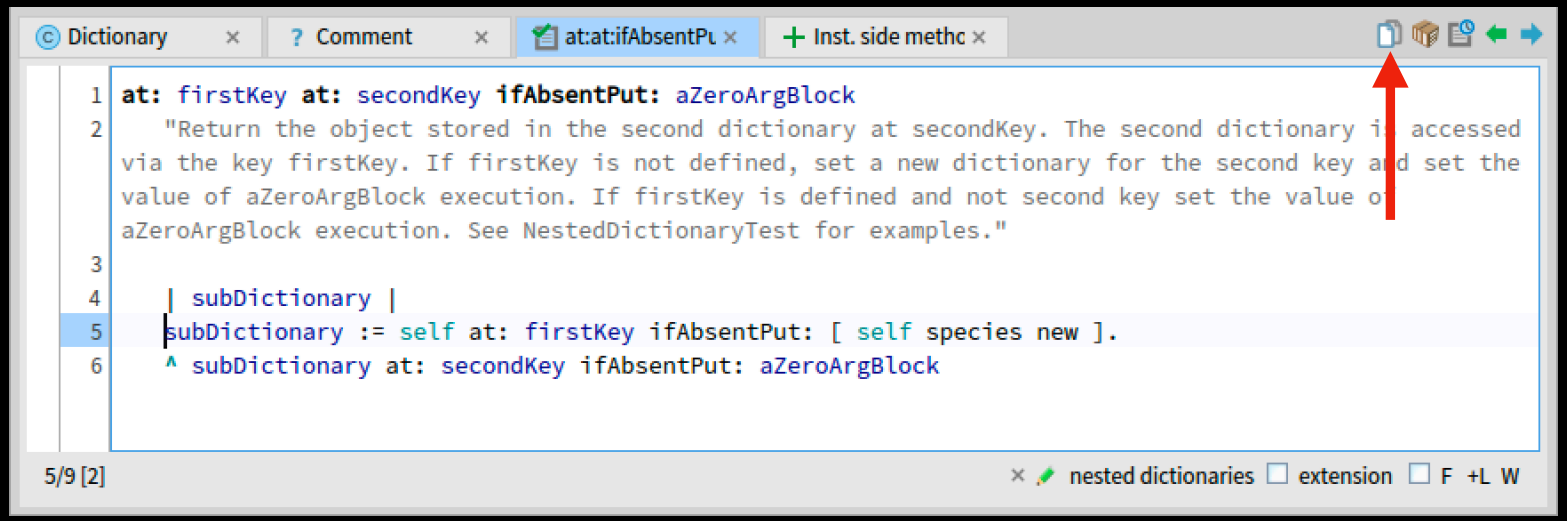
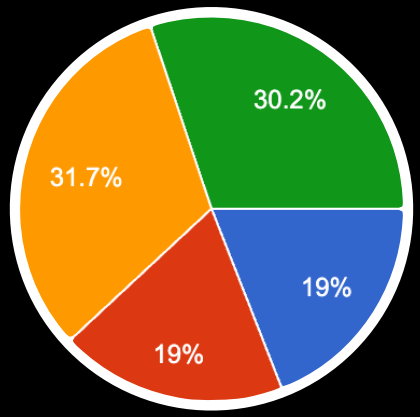
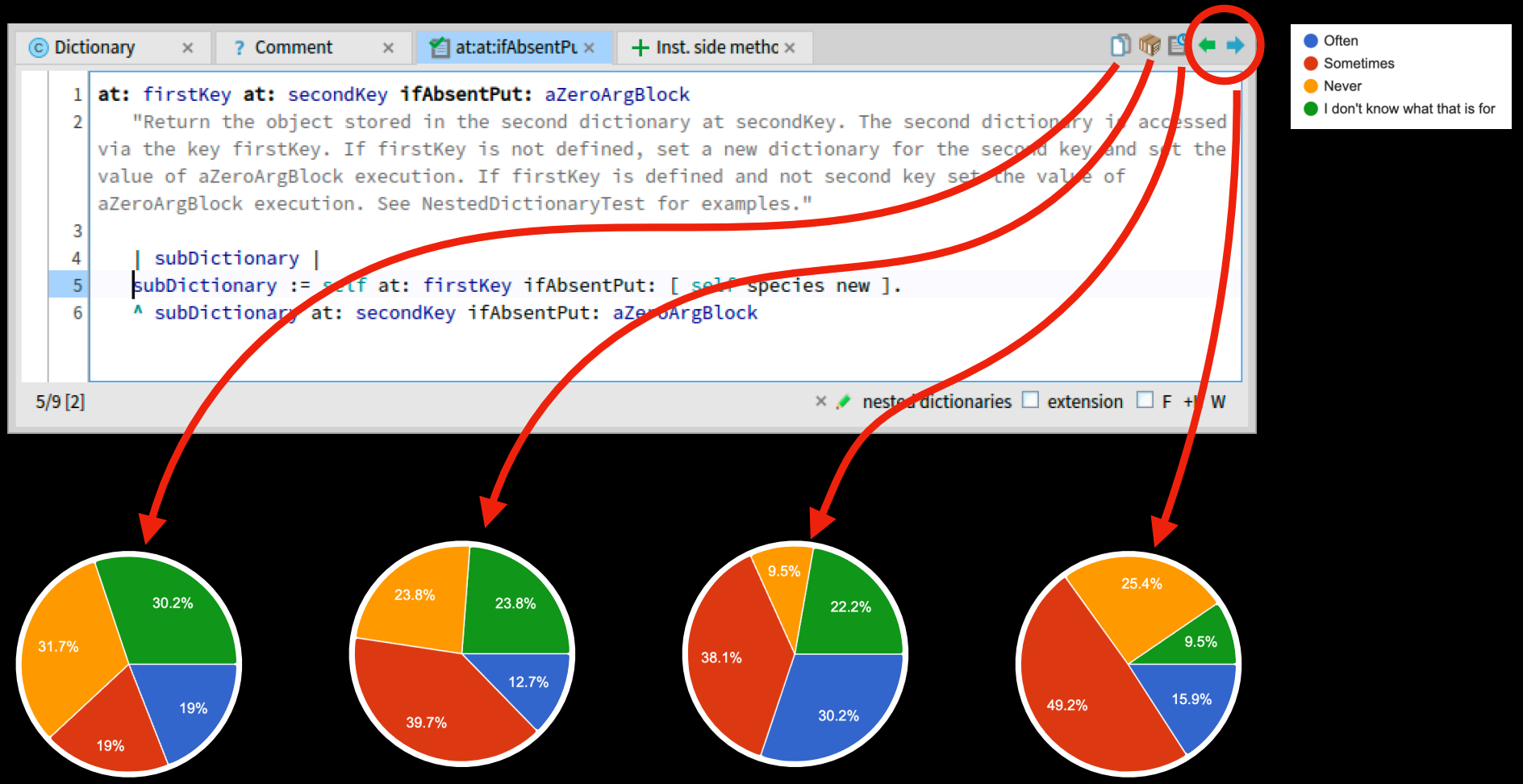


Point>>#x



- Often
- Sometimes
- Never
- I don't know what that is for

Summary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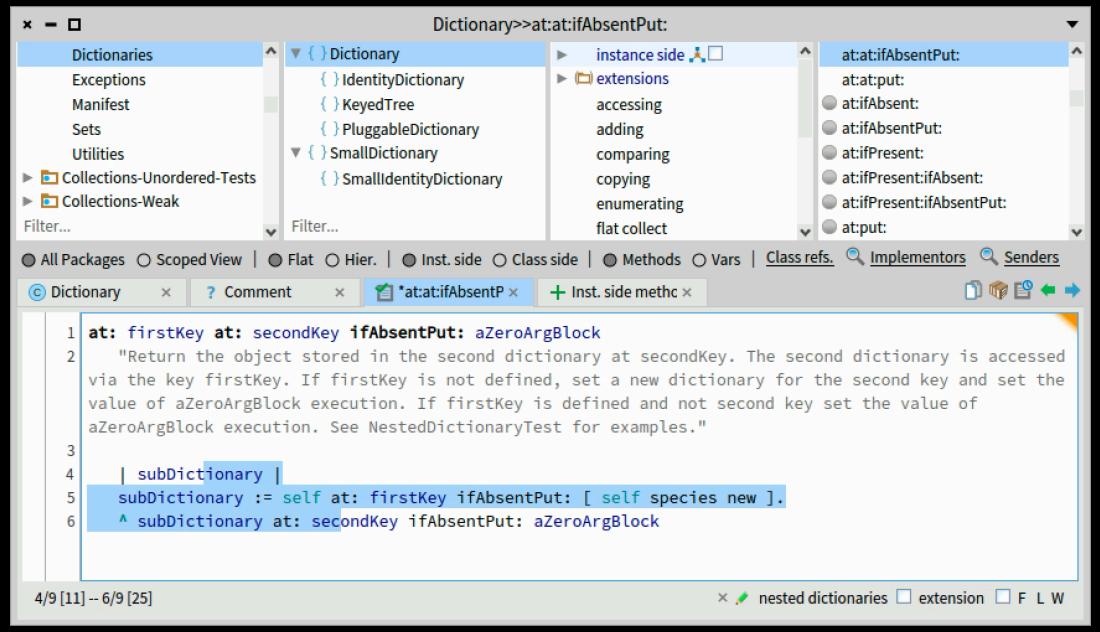
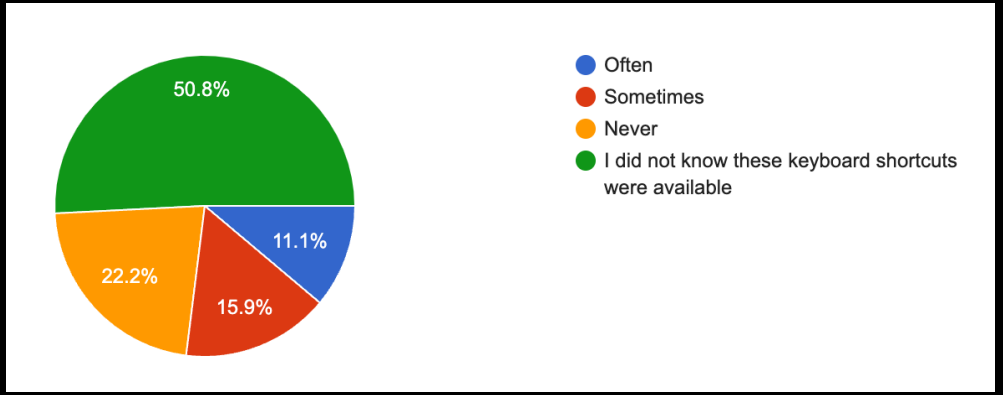
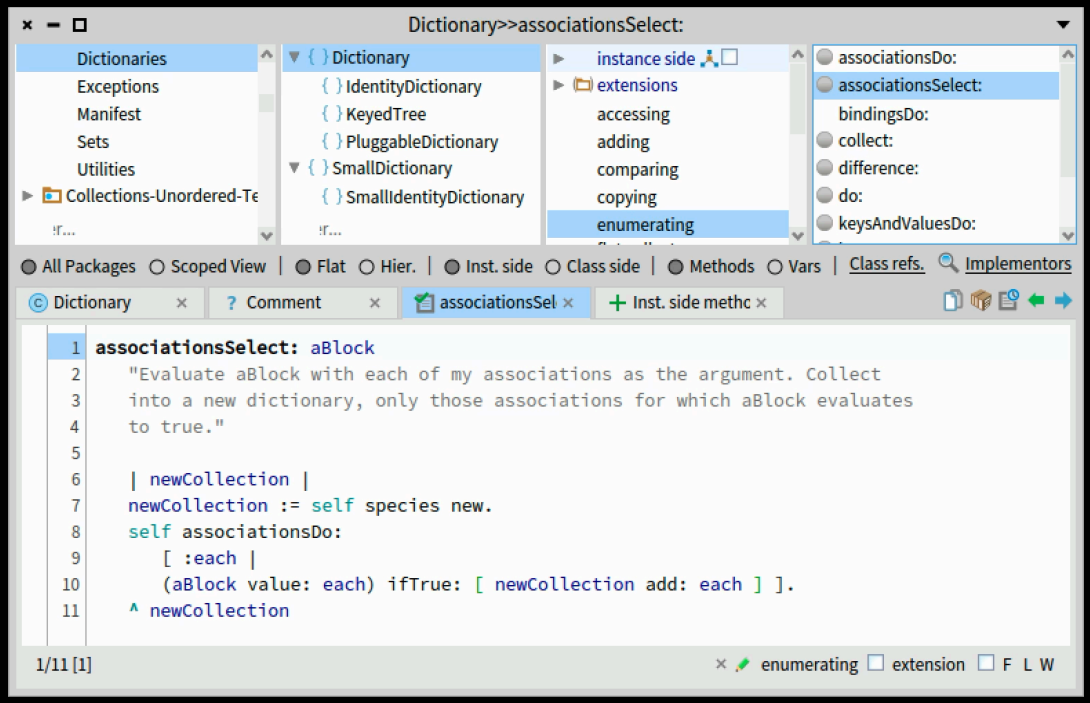
5/9 [2]
nested dictionaries
extension
Often
Sometimes
Never
I don't know what that is for
30.2%
31.7%
19%
19%
23.8%
23.8%
12.7%
39.7%
9.5%
22.2%
38.1%
30.2%
25.4%
9.5%
15.9%
49.2%

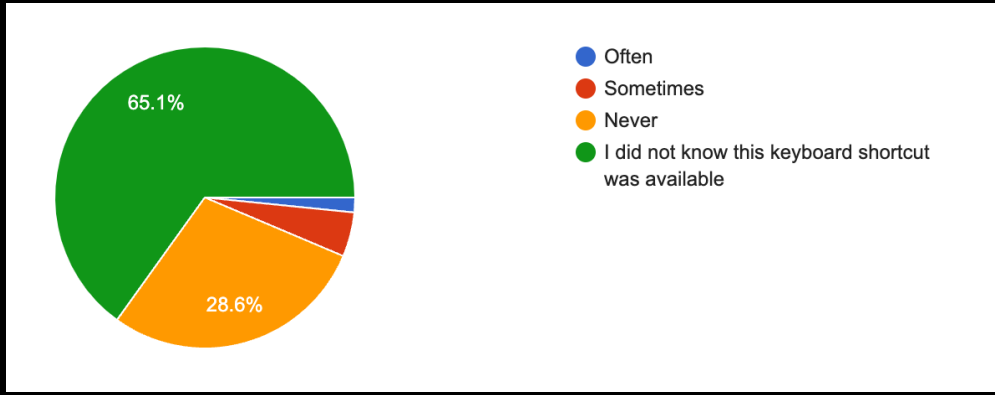
Do you use Cmd-Shift-R and Cmd-Shift-L to indent and outdent lines?





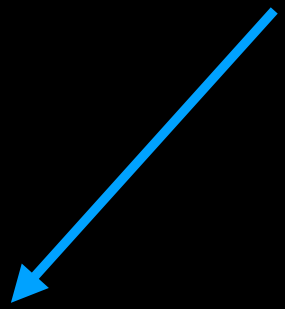
Do you use Cmd-2 to widen the current selection?

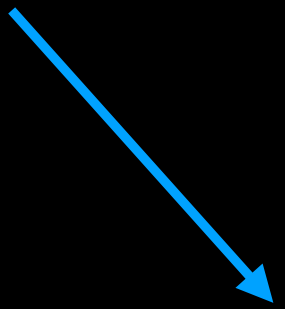




Observations (1)

Some browser tools are not used by many Pharo developers



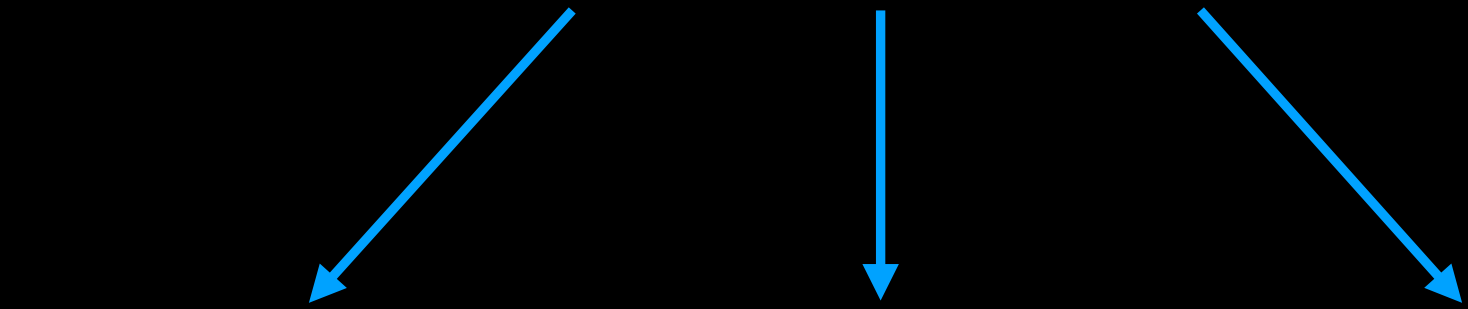


Add use cases to the documentation?

Move them from the browser to the settings?

Observations (2)

Some keyboard shortcuts are not known by Pharo developers



No documentation

Non-standardised shortcuts

Lost in history

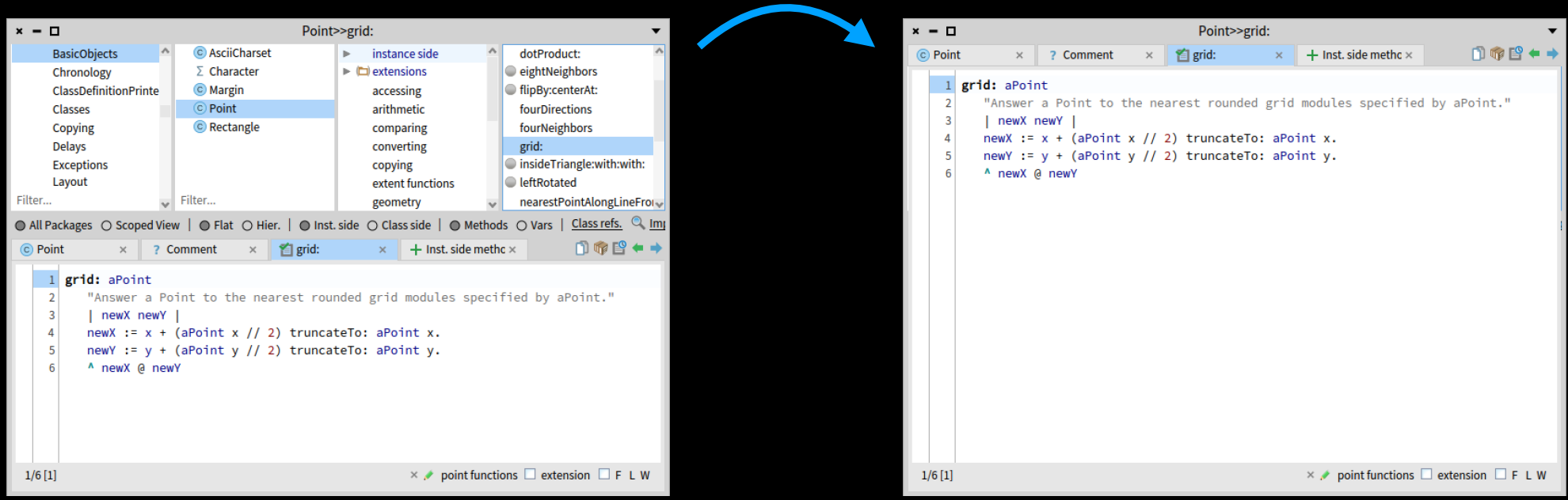
Extra

Navigation power tools

Element	Command-Click	Command-Shift-Click
Message	Browse implementors	Browse senders
Class name	Browse class	Browse class references
Instance or class variable	Browse variable references	Browse variable references

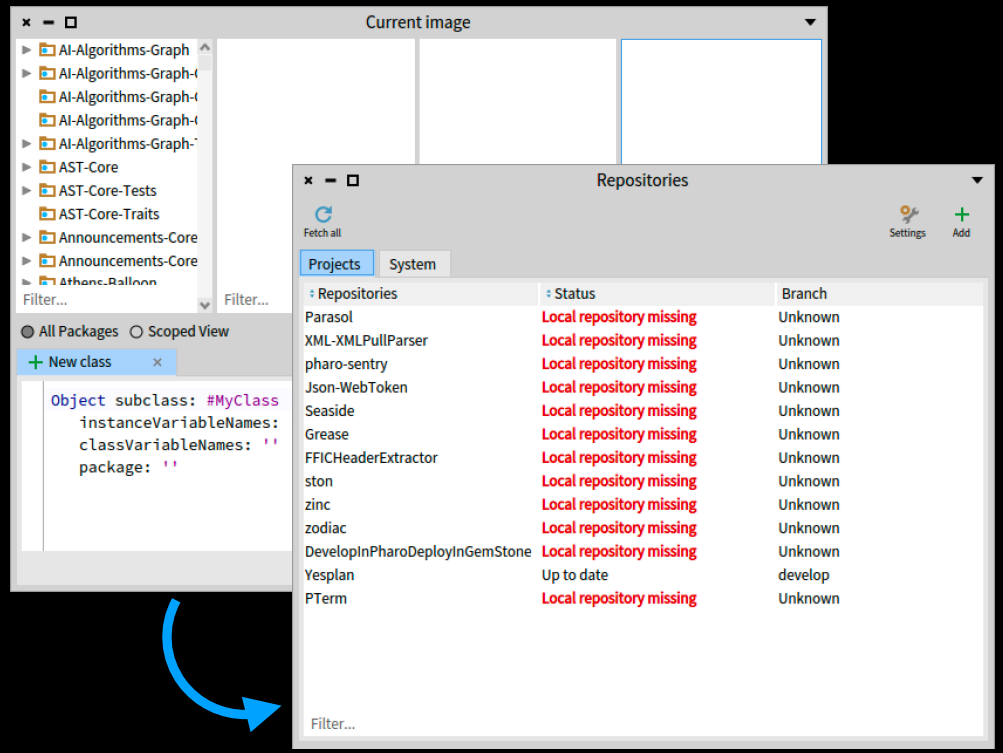
Extra 💡 Tip

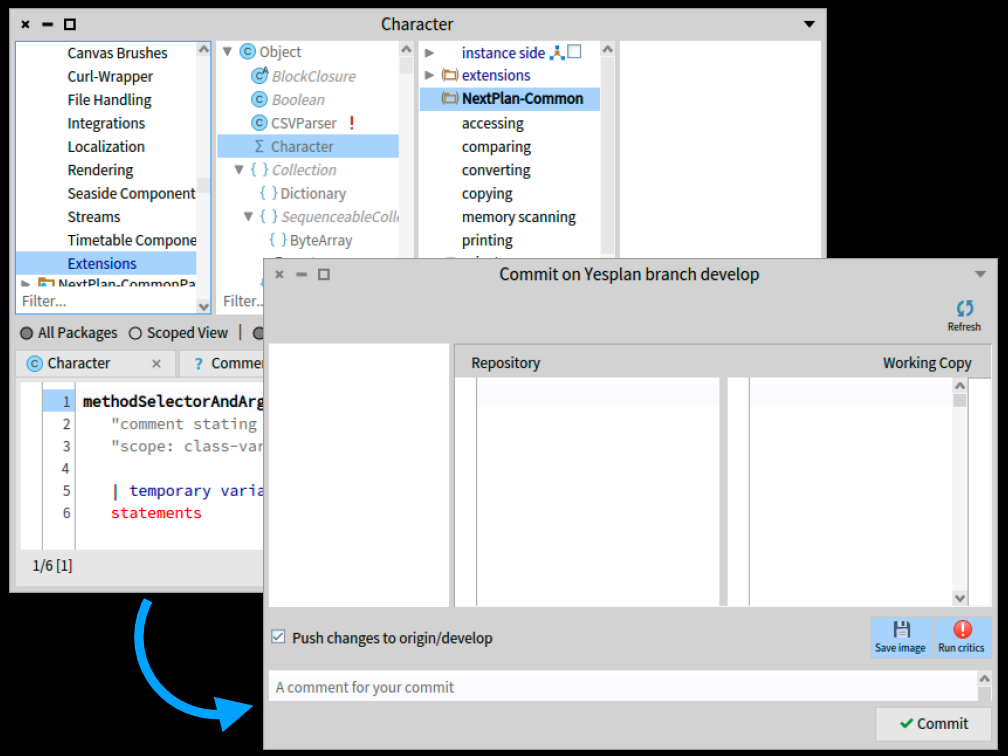
Double click a method source tab to expand it in the browser
Double click again to collapse



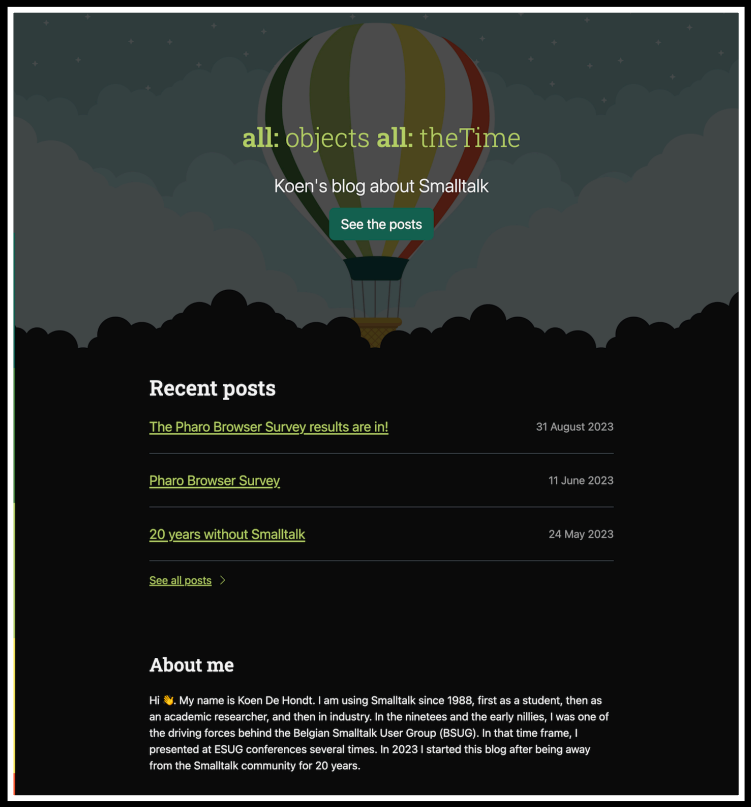
Extra 💡 Tip

Command-S in browser





That’s all for now!



https://all-objects-all-the-time.st

All results

More on browsers