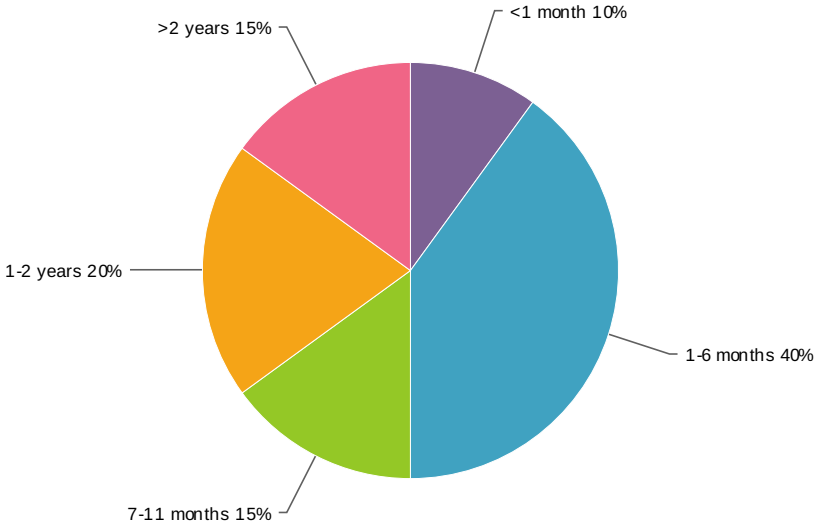
New Summary Report - 02 June 2014

Survey: Projectional Workbench Survey

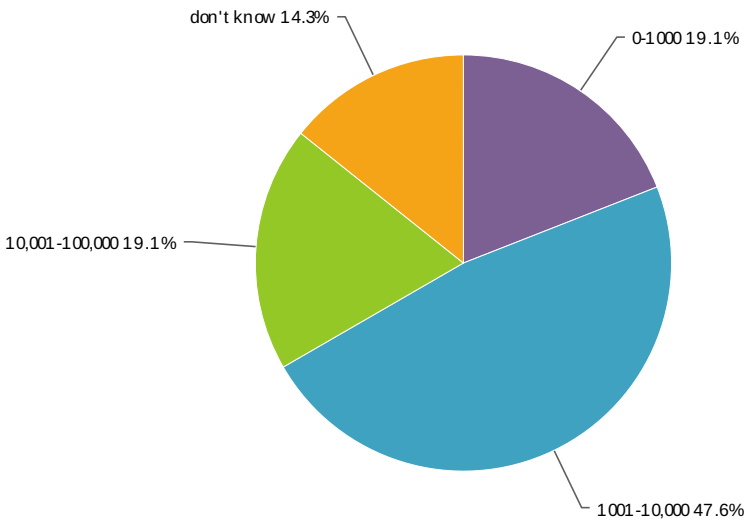
1. For how long have you been using MPS?



<1 month	10.0%		2
1-6 months	40.0%		8
7-11 months	15.0%		3
1-2 years	20.0%		4
>2 years	15.0%		3
		Total	20

Statistics	
Total Responses	20
Sum	33.0
Average	2.2
StdDev	2.4
Max	7.0

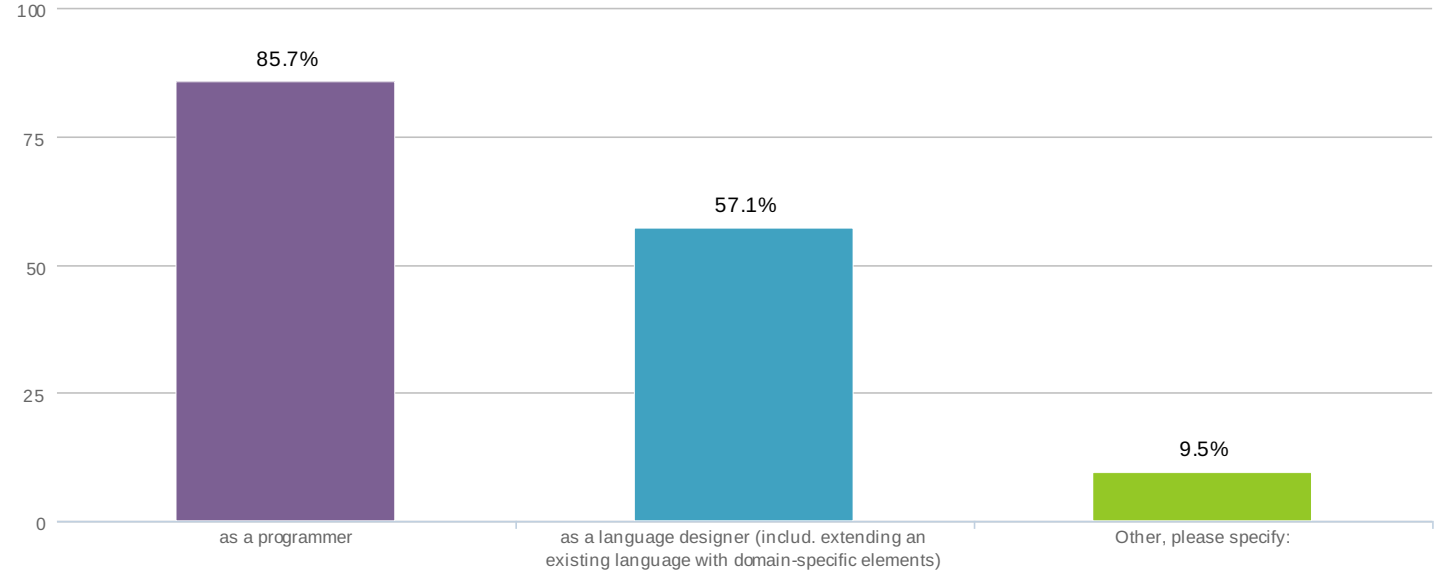
2. How many lines of codes have you roughly written with MPS?



0-1000	19.1%		4
1001-10,000	47.6%		10
10,001-100,000	19.1%		4
>100,000	0.0%		0
don't know	14.3%		3
		Total	21

Statistics	
Total Responses	21
Sum	10,050.0
Average	717.9
StdDev	447.7
Max	1,001.0

3. How do you use MPS?

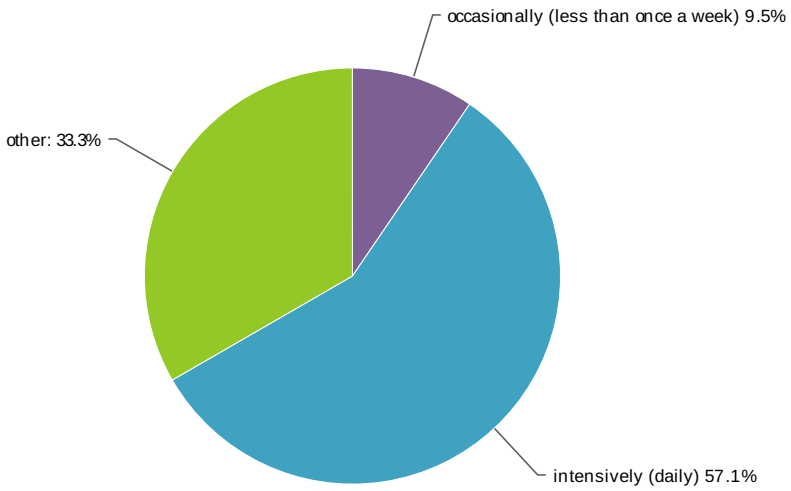


as a programmer	85.7%		18
as a language designer (includ. extending an existing language with domain-specific elements)	57.1%		12
Other, please specify:	9.5%		2
		Total	21

Statistics

Total Responses	21

4. How intensively are you using MPS?



occasionally (less than once a week)	9.5%		2
intensively (daily)	57.1%		12
other:	33.3%		7
		Total	21

Statistics

Total Responses	21

8. For how many years have you been:

	<1 year	1-2 years	3-5 years	5-10 years	>10 years	Responses
programming	0 0.0%	1 5.3%	3 15.8%	2 10.5%	13 68.4%	19
programming professionally	3 15.8%	2 10.5%	2 10.5%	5 26.3%	7 36.8%	19

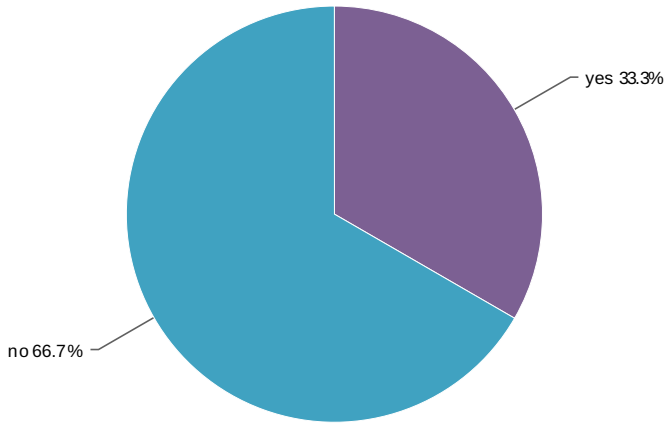
9. How familiar are you with the following programming paradigms?

	very unfamiliar	unfamiliar	neutral	familiar	very familiar	Responses
imperative programming	2 9.5%	1 4.8%	3 14.3%	2 9.5%	13 61.9%	21
object-oriented programming	0 0.0%	0 0.0%	2 10.0%	3 15.0%	15 75.0%	20
functional programming	0 0.0%	3 14.3%	4 19.0%	7 33.3%	7 33.3%	21
logic programming	1 4.8%	2 9.5%	7 33.3%	7 33.3%	4 19.0%	21

10. How familiar are you with the following programming languages?

	very unfamiliar		unfamiliar		neutral		familiar		very familiar		Responses
C	1	4.5%	1	4.5%	3	13.6%	8	36.4%	9	40.9%	22
C++	0	0.0%	2	9.5%	6	28.6%	9	42.9%	4	19.0%	21
Java	0	0.0%	1	4.8%	1	4.8%	6	28.6%	13	61.9%	21
C#	6	28.6%	8	38.1%	1	4.8%	5	23.8%	1	4.8%	21
Scala	9	42.9%	4	19.0%	3	14.3%	3	14.3%	2	9.5%	21

13. Do you have any previous experience with MPS, before using mbeddr?



yes	33.3%		7
no	66.7%		14
		Total	21

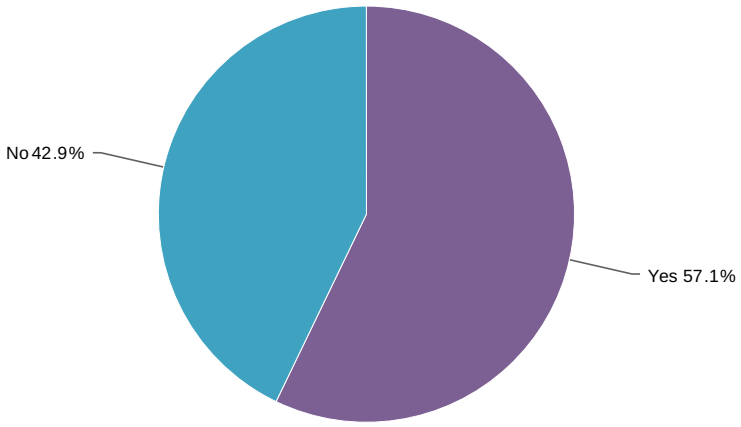
Statistics

Total Responses	21

14. How familiar are you with the following concepts known from model-driven software development (MDD/MDSD)?

	very unfamiliar	unfamiliar	neutral	familiar	very familiar	Responses
metamodel	1 5.0%	0 0.0%	3 15.0%	6 30.0%	10 50.0%	20
abstract syntax tree (AST)	0 0.0%	1 4.8%	3 14.3%	4 19.0%	13 61.9%	21
grammar	0 0.0%	1 5.3%	2 10.5%	8 42.1%	8 42.1%	19
domain-specific language (DSL)	0 0.0%	1 4.8%	2 9.5%	5 23.8%	13 61.9%	21
textual DSL	0 0.0%	1 4.8%	3 14.3%	5 23.8%	12 57.1%	21
graphical DSL	1 4.8%	4 19.0%	4 19.0%	5 23.8%	7 33.3%	21
model transformation (MT)	0 0.0%	3 14.3%	4 19.0%	5 23.8%	9 42.9%	21
model-to-text (M2T) transformation	1 4.8%	2 9.5%	3 14.3%	6 28.6%	9 42.9%	21
model-to-model (M2M) transformation	1 5.0%	2 10.0%	3 15.0%	5 25.0%	9 45.0%	20

15. Have you used or designed a domain-specific language (DSL) before using MPS?

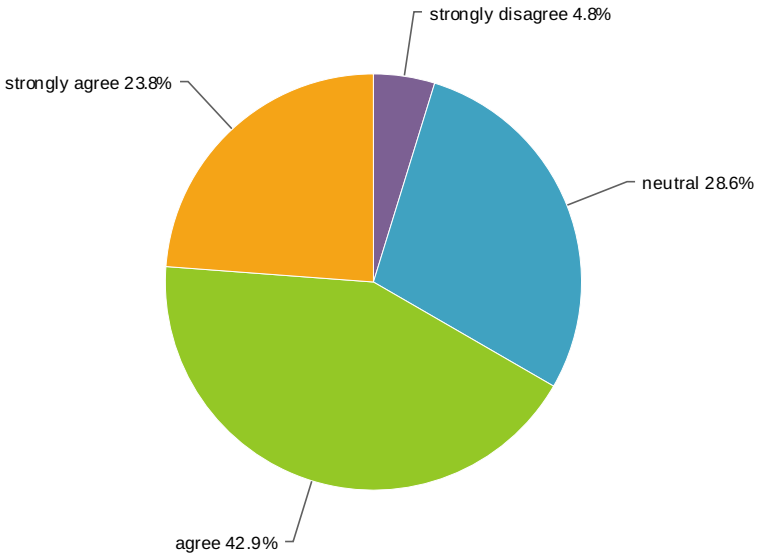


Yes	57.1%		12
No	42.9%		9
		Total	21

Statistics

Total Responses	21

16. I can work productively with MPS.

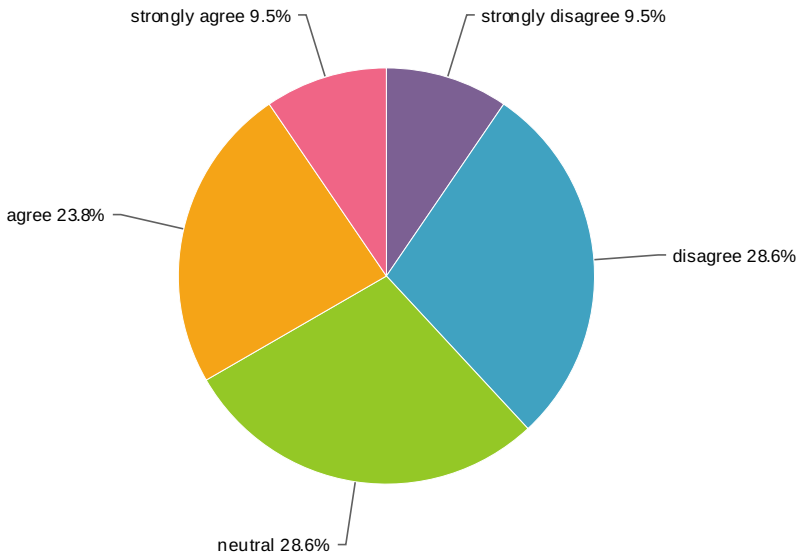


strongly disagree	4.8%		1
disagree	0.0%		0
neutral	28.6%		6
agree	42.9%		9
strongly agree	23.8%		5
		Total	21

Statistics

Total Responses	21

17. It was easy to learn and understand the facilities of MPS (as opposed to getting used to them).

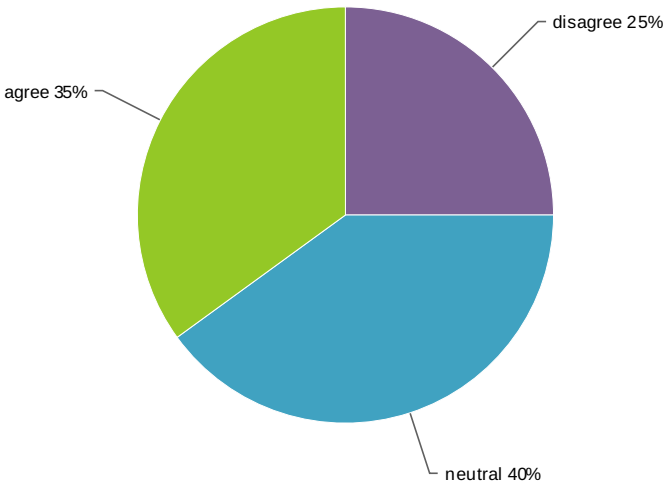


strongly disagree	9.5%		2
disagree	28.6%		6
neutral	28.6%		6
agree	23.8%		5
strongly agree	9.5%		2
		Total	21

Statistics

Total Responses	21

18. It was easy to get used to programming in MPS (as opposed to intellectually understanding it).

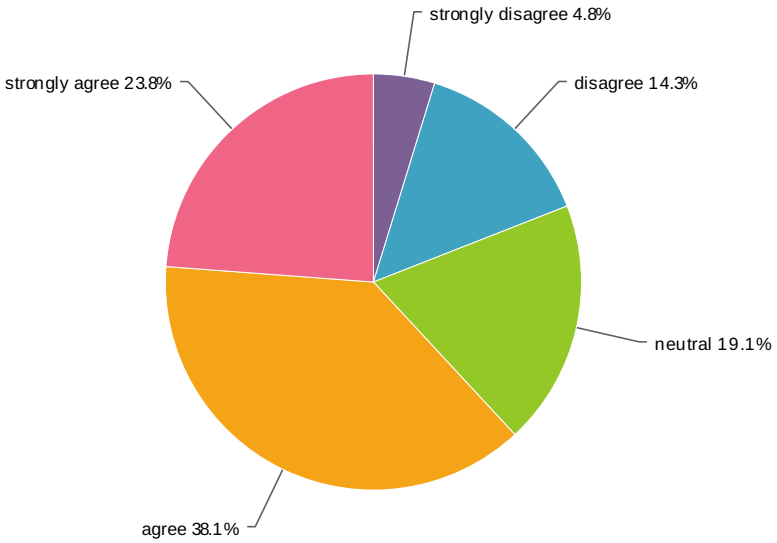


strongly disagree	0.0%		0
disagree	25.0%		5
neutral	40.0%		8
agree	35.0%		7
strongly agree	0.0%		0
		Total	20

Statistics

Total Responses	20

19. When writing code in MPS, I am as fast as with an ordinary editor.

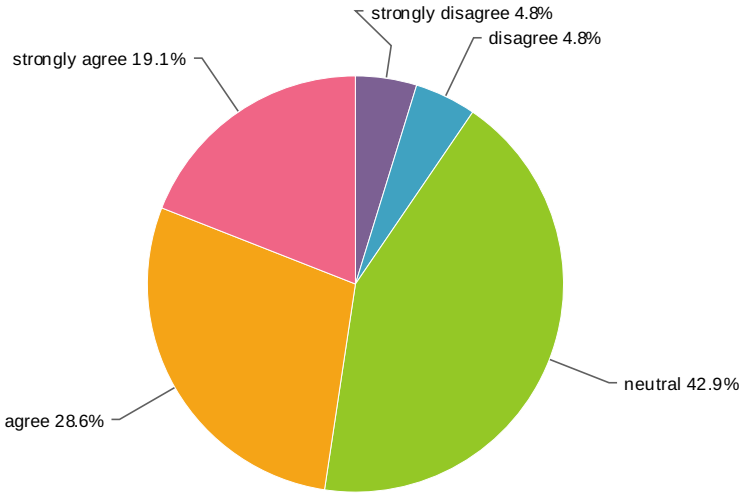


strongly disagree	4.8%		1
disagree	14.3%		3
neutral	19.1%		4
agree	38.1%		8
strongly agree	23.8%		5
		Total	21

Statistics

Total Responses	21

20. With MPS, I make less errors while programming.

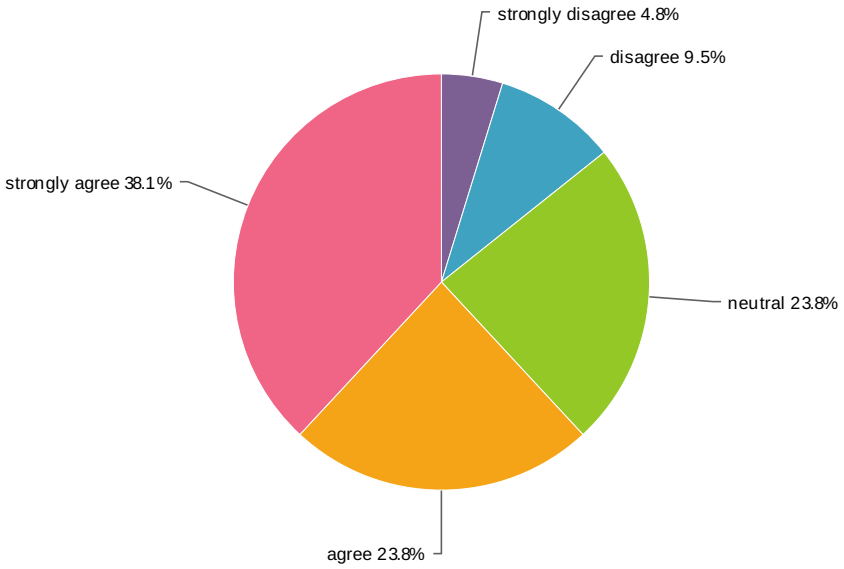


strongly disagree	4.8%		1
disagree	4.8%		1
neutral	42.9%		9
agree	28.6%		6
strongly agree	19.1%		4
		Total	21

Statistics

Total Responses	21

21. I like that I can only produce structurally correct programs (valid ASTs).

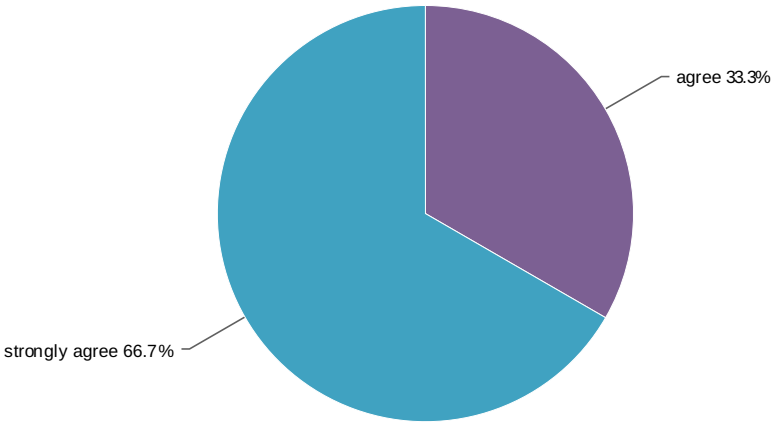


strongly disagree	4.8%		1
disagree	9.5%		2
neutral	23.8%		5
agree	23.8%		5
strongly agree	38.1%		8
		Total	21

Statistics

Total Responses	21

22. I benefit from modular languages/language compositions in the domain-specific languages (DSLs) I use/engineer

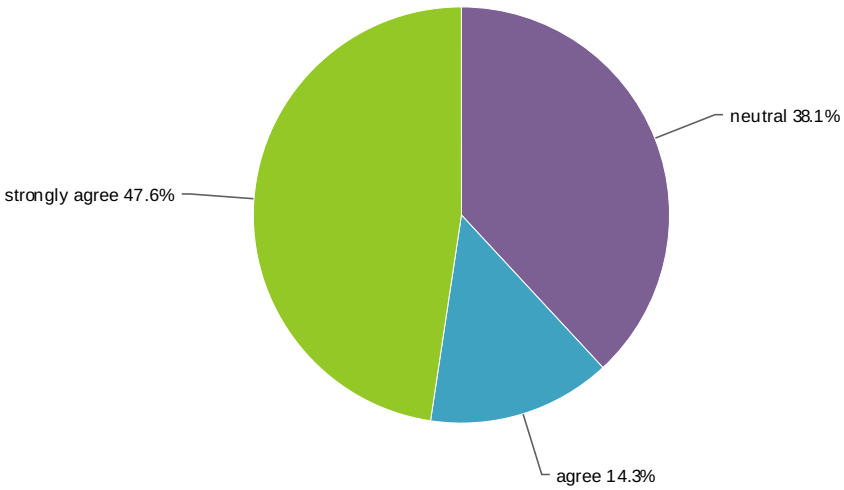


strongly disagree	0.0%		0
disagree	0.0%		0
neutral	0.0%		0
agree	33.3%		7
strongly agree	66.7%		14
		Total	21

Statistics

Total Responses	21

23. I benefit from the flexible notations (symbols, tables, etc.) in the DSLs I use/engineer.

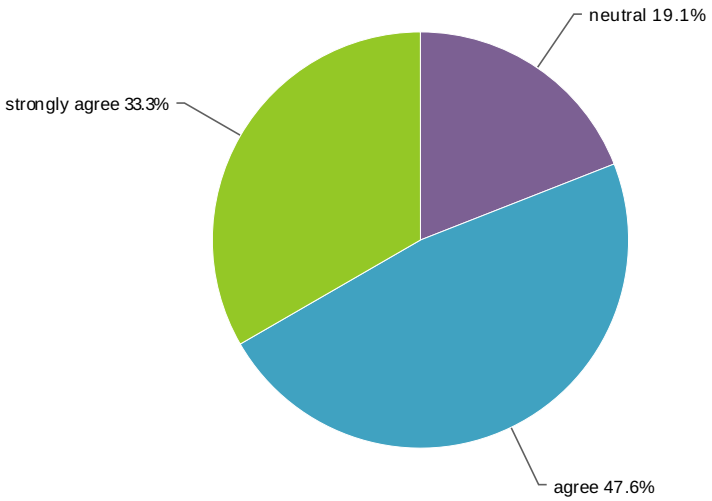


strongly disagree	0.0%		0
disagree	0.0%		0
neutral	38.1%		8
agree	14.3%		3
strongly agree	47.6%		10
		Total	21

Statistics

Total Responses	21

24. I like the advanced navigation support (e.g., node selection along AST, adjustable find-usages) of MPS.

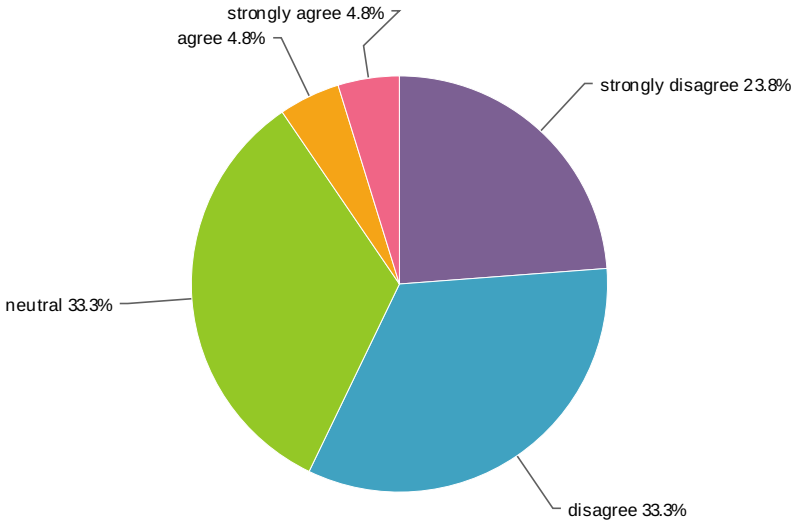


strongly disagree	0.0%		0
disagree	0.0%		0
neutral	19.1%		4
agree	47.6%		10
strongly agree	33.3%		7
		Total	21

Statistics

Total Responses	21

25. I think I could do the same with my favorite “conventional” IDE.



strongly disagree	23.8%		5
disagree	33.3%		7
neutral	33.3%		7
agree	4.8%		1
strongly agree	4.8%		1
		Total	21

Statistics	
Total Responses	21

27. How familiar are you with the following underlying concepts of MPS?

	very unfamiliar	unfamiliar	neutral	familiar	very familiar	Responses
Mapping of AST nodes to features	4 19.0%	4 19.0%	4 19.0%	5 23.8%	4 19.0%	21
Transformation of the AST into a host language	2 9.5%	6 28.6%	1 4.8%	5 23.8%	7 33.3%	21
Adherence of different parts of the AST to different metamodels	3 14.3%	5 23.8%	4 19.0%	2 9.5%	7 33.3%	21
Visualization of the AST in the editor	1 4.8%	2 9.5%	7 33.3%	4 19.0%	7 33.3%	21

URL Variable: snc

Count	Response
1	1384872305_528b79716af111.33132638