Report for Java EE 8 survey - SCRUBBED

1. Response Counts

Completion Rate: **100%**

Complete 825

Total 825

2. For this reason we would like to kindly ask you to clearly identify yourself.

Name:

Email address:

3. Can we contact you for follow-up questions?
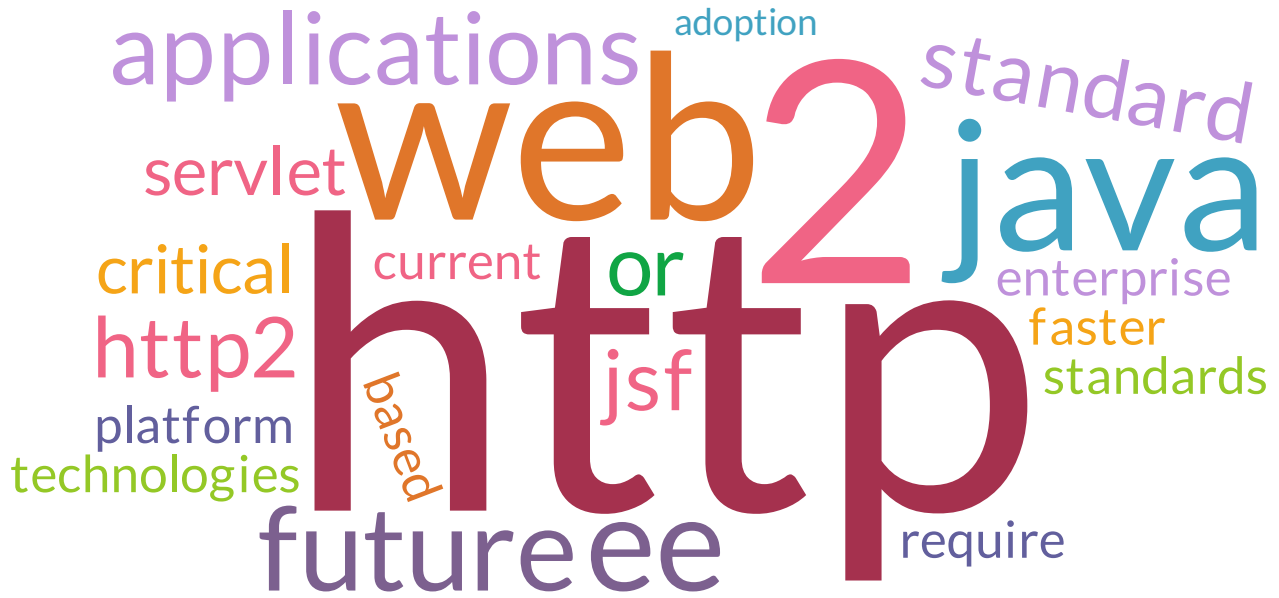

30.3% No:

69.7% Yes:
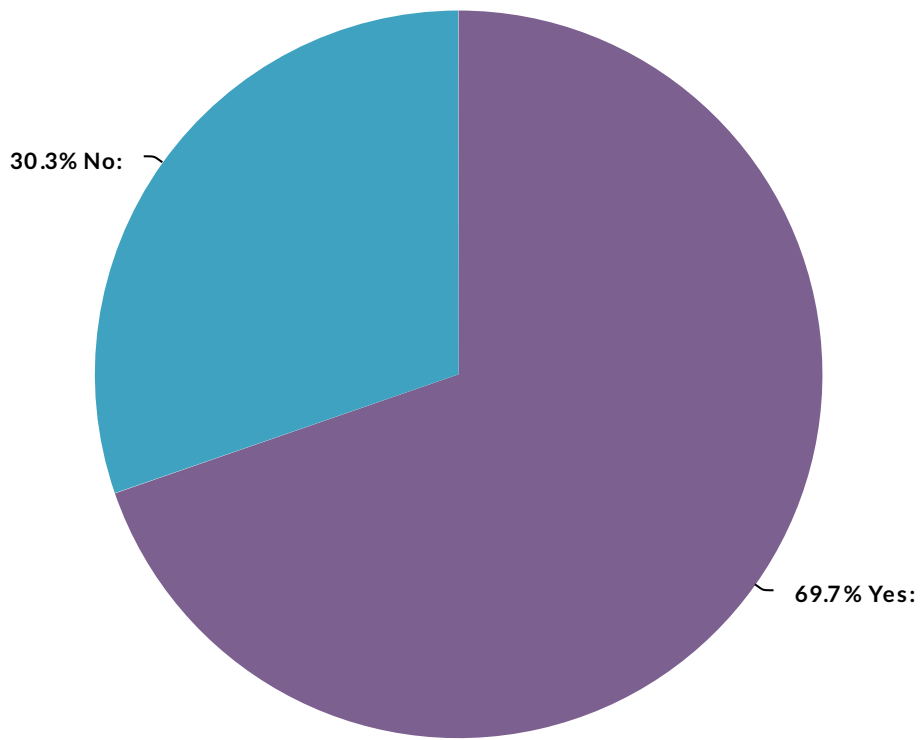
Value	Percent		Count
Yes	69.7%		535
No	30.3%		233
		Total	768

4. How important is it to bring HTTP/2 support to Java EE?
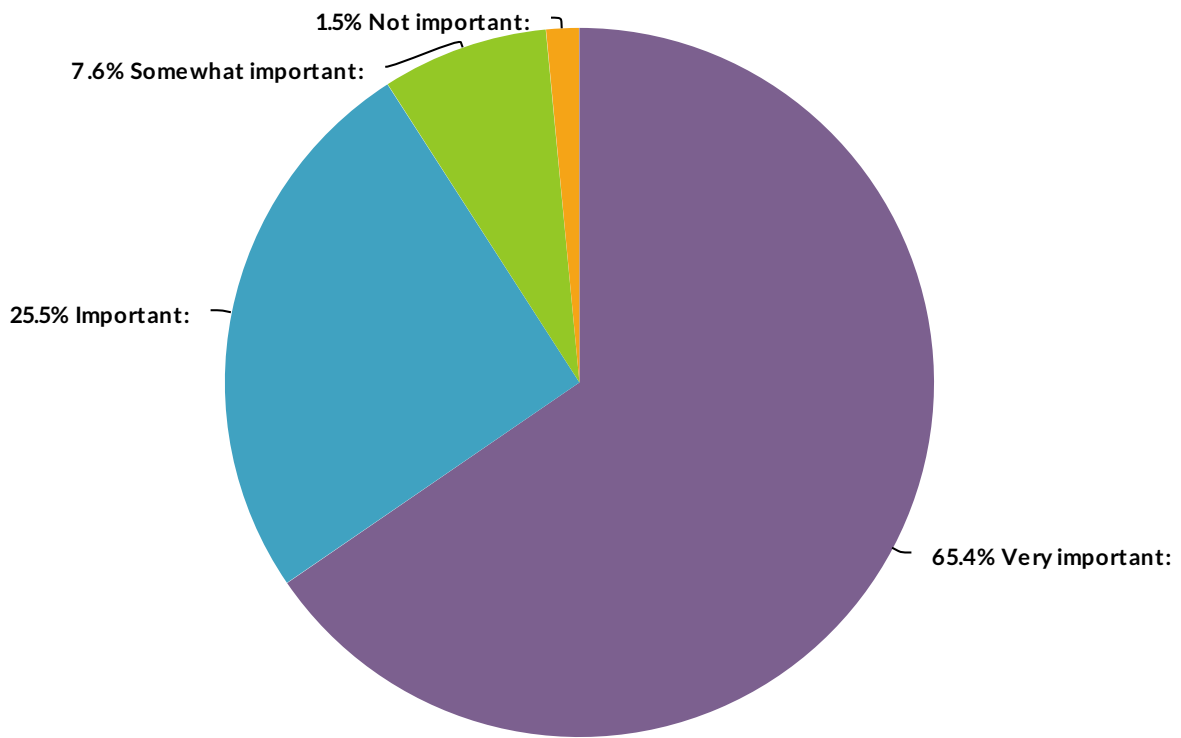
Value	Percent		Count
Very important	65.5%		537
Important	25.5%		209
Somewhat important	7.6%		62
Not important	1.5%		12
		Total	820

5. Comments:

applications servlet adoption web2 standard
critical current or java
http2 http enterprise
platform jsf faster standards
technologies based future ee require

6. How important is it to fully align Java EE with Java SE 8?

1.6% Not important:

7.2% Somewhat important:

25.0% Important:
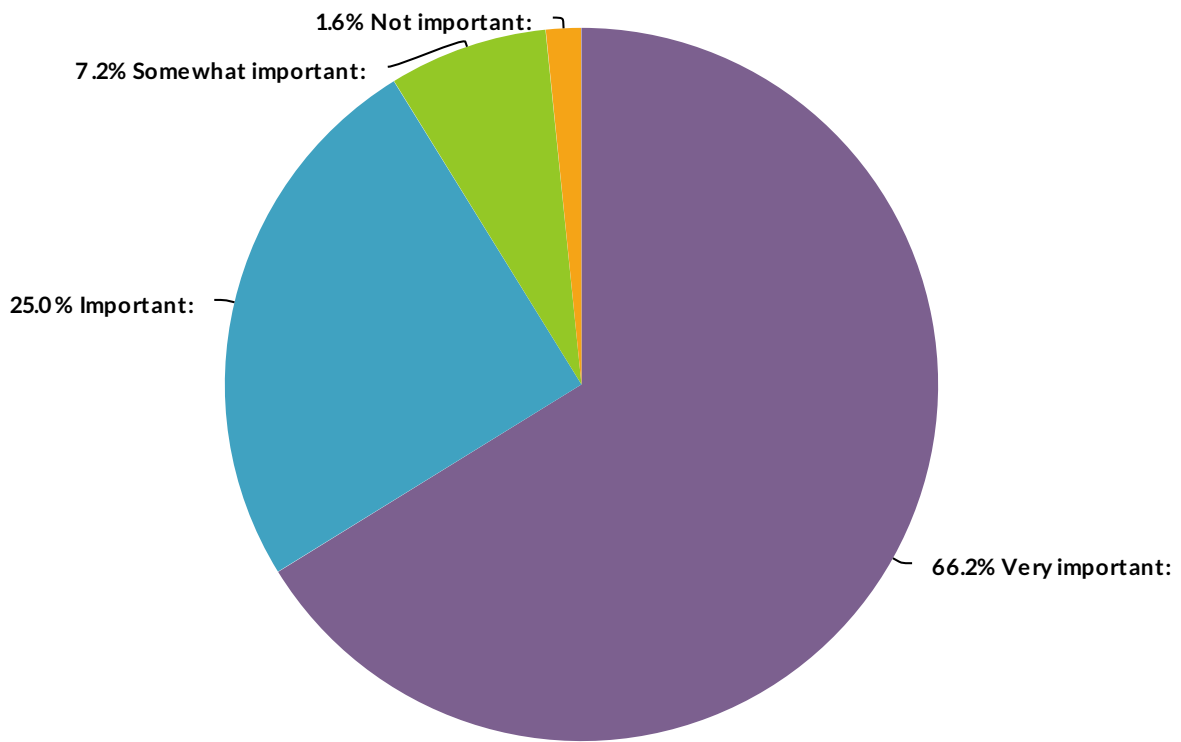
66.2% Very important:

Value	Percent		Count
Very important	66.2%		542
Important	25.0%		205
Somewhat important	7.2%		59
Not important	1.6%		13
		Total	819

7. Comments:

streams language ee 8 jpa enterprise support se other api java code lambda fork or join time date jsf aligned advantage 7

8. How important is it to revamp the Java EE security API?

4.9% Not important:

17.9% Somewhat important:

47.0% Very important:
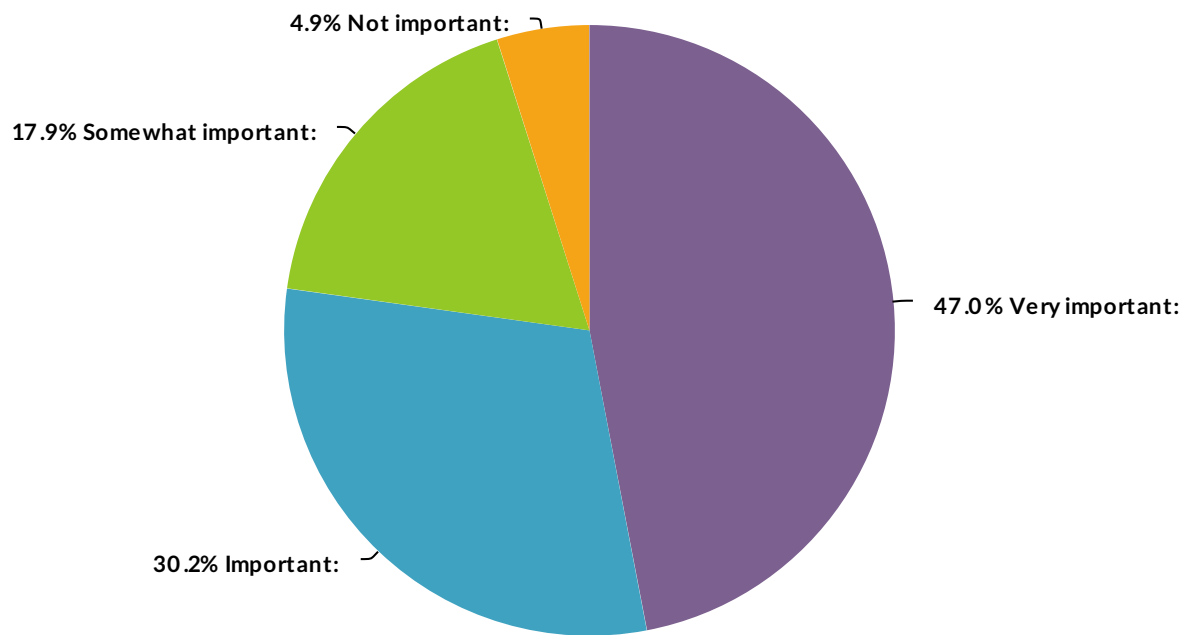
30.2% Important:

Value	Percent		Count
Very important	47.0%		381
Important	30.2%		245
Somewhat important	17.9%		145
Not important	4.9%		40
		Total	811

9. Comments:

frameworks
annotations
authentication application
shiro jee java api work
authorization standard
nice 2 server
specific important
features ee or spring
app annotation
applications
configuration
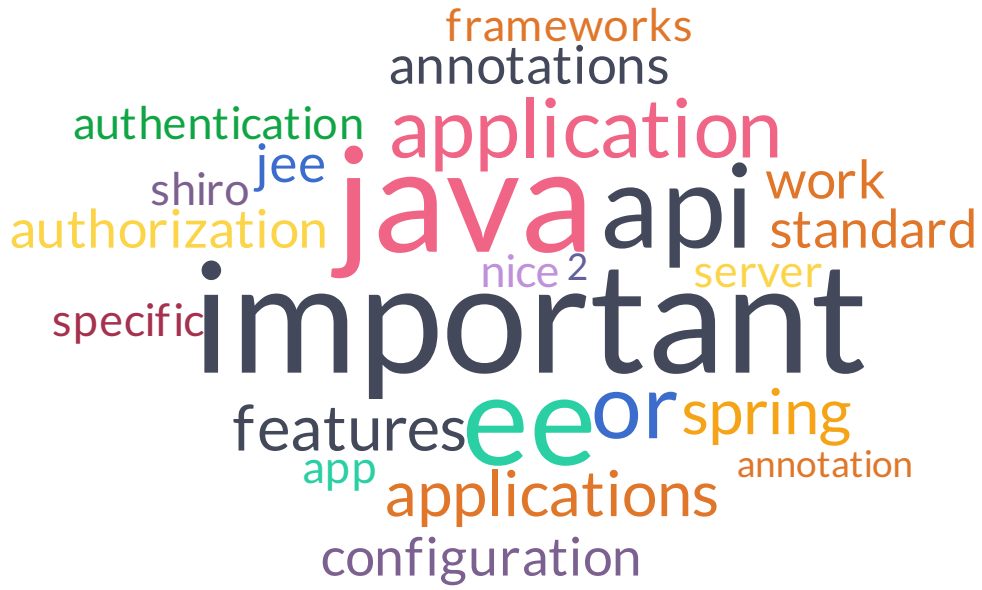
10. How important is it to completely eliminate EJB in favor of CDI based services?

17.7% I don't think we should eliminate EJB:

22.5% Very important:

15.1% Not important:

20.9% Important:

23.7% Somewhat important:
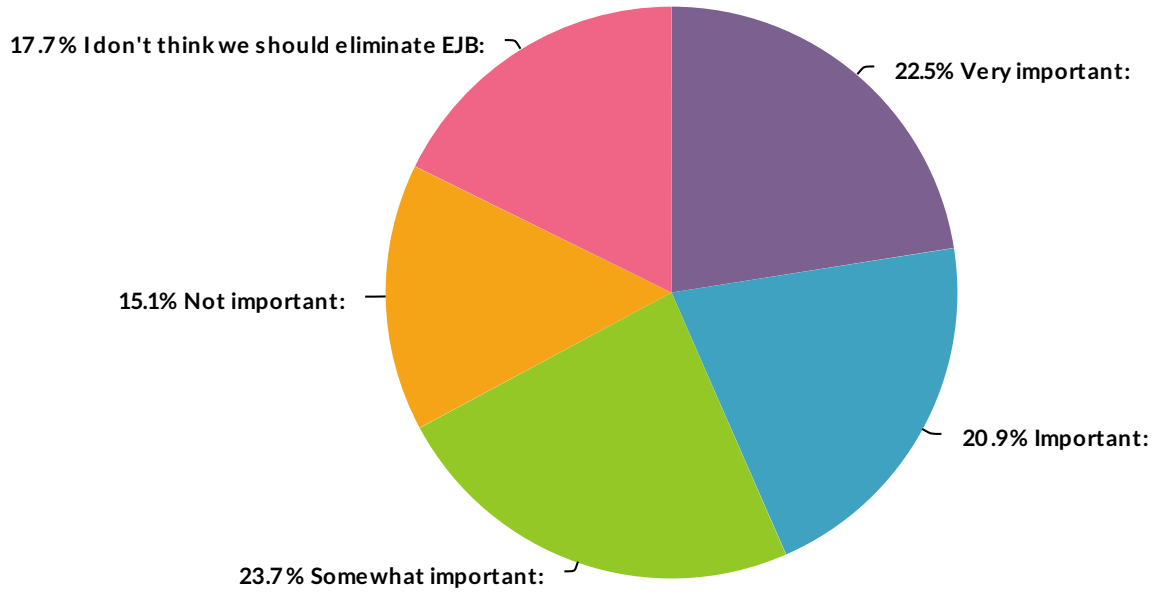
Value	Percent		Count
Very important	22.5%		183
Important	20.9%		170
Somewhat important	23.7%		193
Not important	15.1%		123
I don't think we should eliminate EJB	17.7%		144
	Total		**813**

11. Comments:
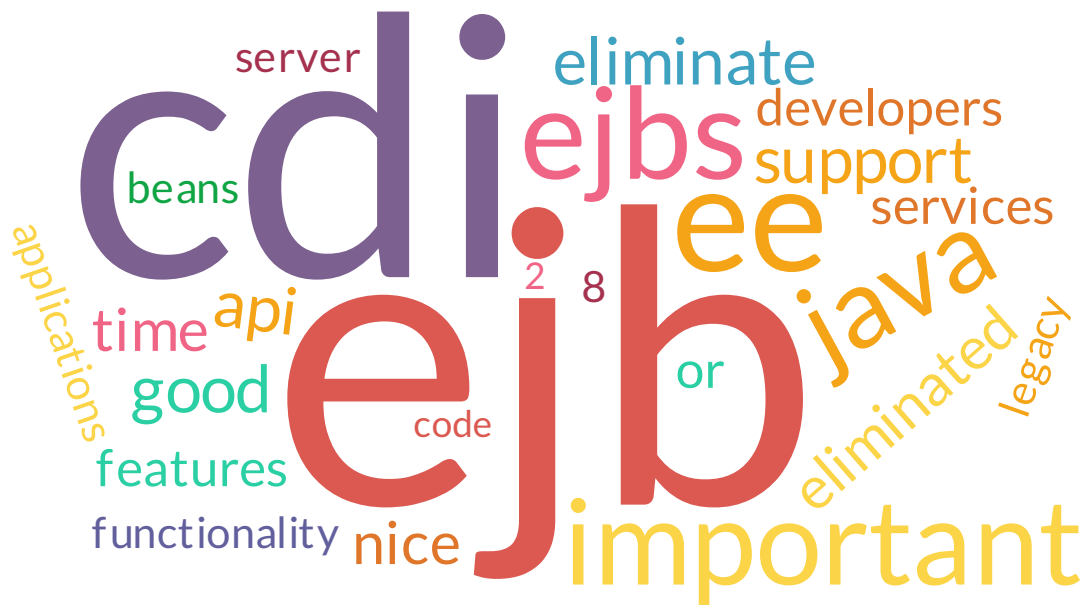
12. How important is it to strengthen JSON support in Java EE?

3.1% Not important:

11.1% Somewhat important:

24.3% Important:
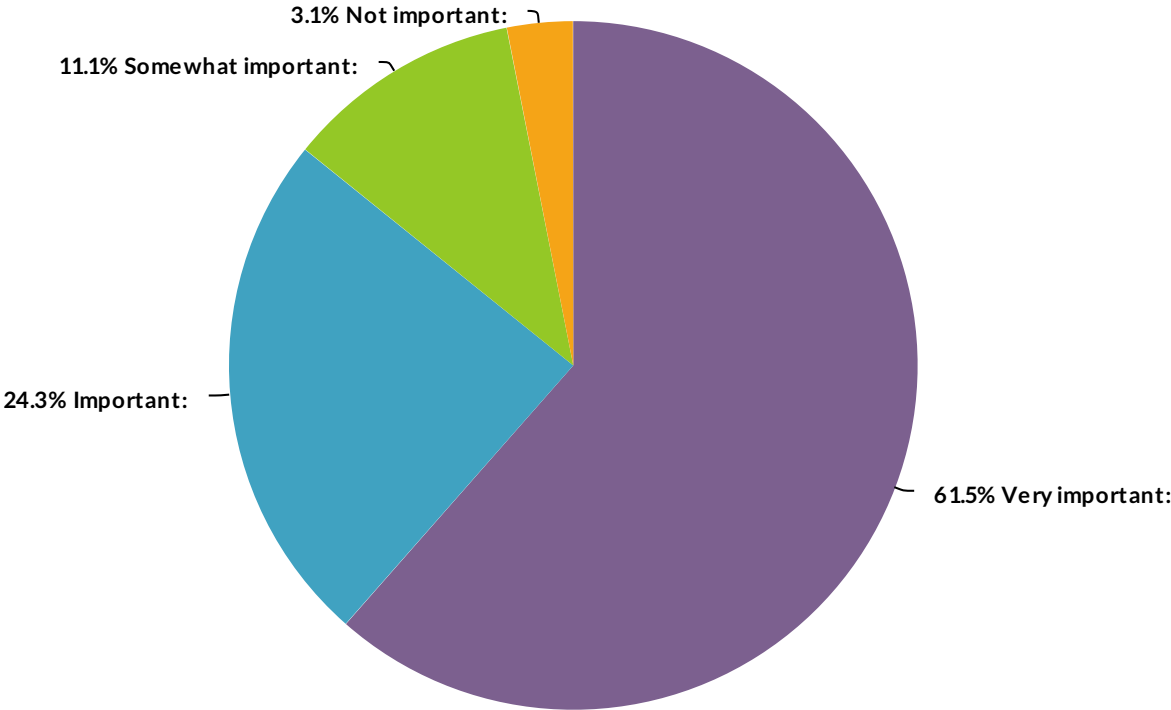
61.5% Very important:

Value	Percent		Count
Very important	61.5%		503
Important	24.3%		199
Somewhat important	11.1%		91
Not important	3.1%		25
		Total	818

13. Comments:

other libraries developers
support standard
format xml java jackson
gson plenty
data good
interchange apis api jax nice
jaxb ee web
critical important
communication

14. How important is it to include JCache in Java EE?

6.7% Not important:

24.9% Somewhat important:

34.6% Very important:
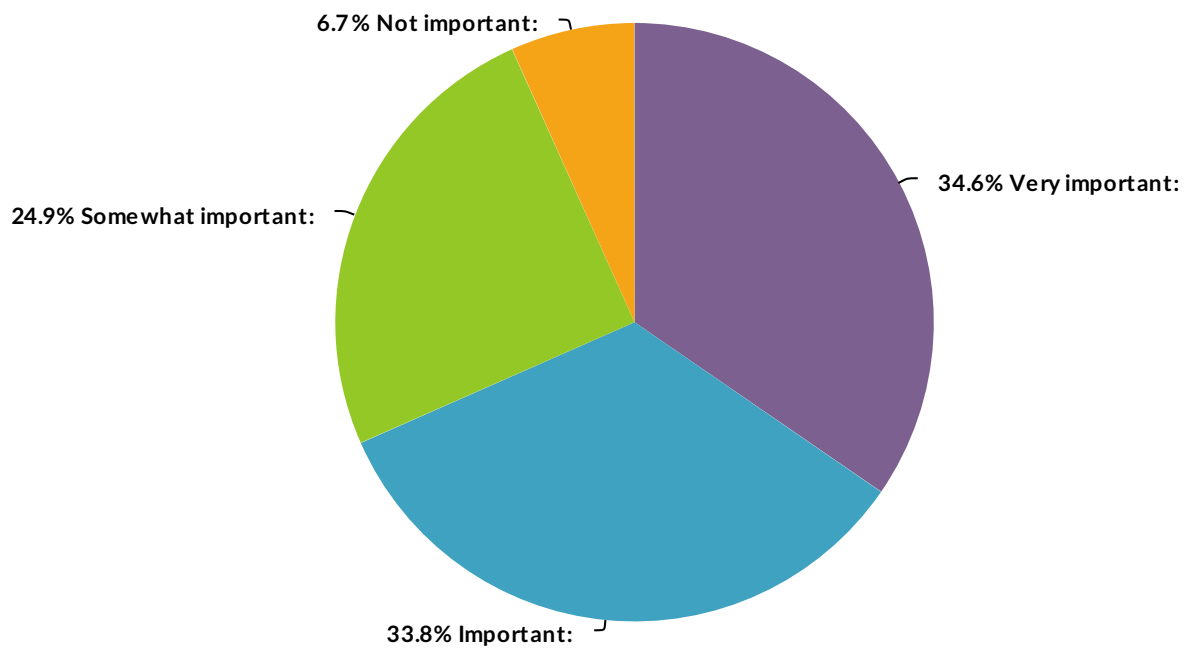
33.8% Important:

Value	Percent		Count
Very important	34.6%		280
Important	33.8%		274
Somewhat important	24.9%		202
Not important	6.7%		54
		Total	810

15. Comments:

standard
application developers
ee
java long people api
caching
applications jpa or
current nice time

16. Comments:
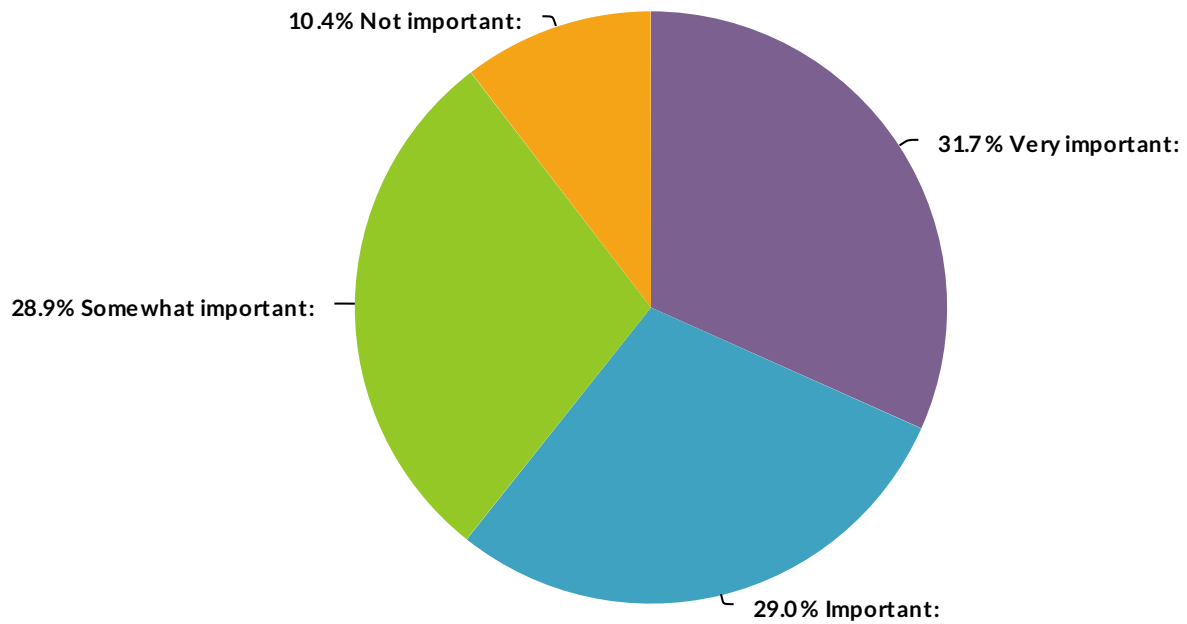
17. How important is it to add a new action-oriented MVC framework to Java EE?

24.4% Not important:

30.4% Very important:

24.0% Somewhat important:
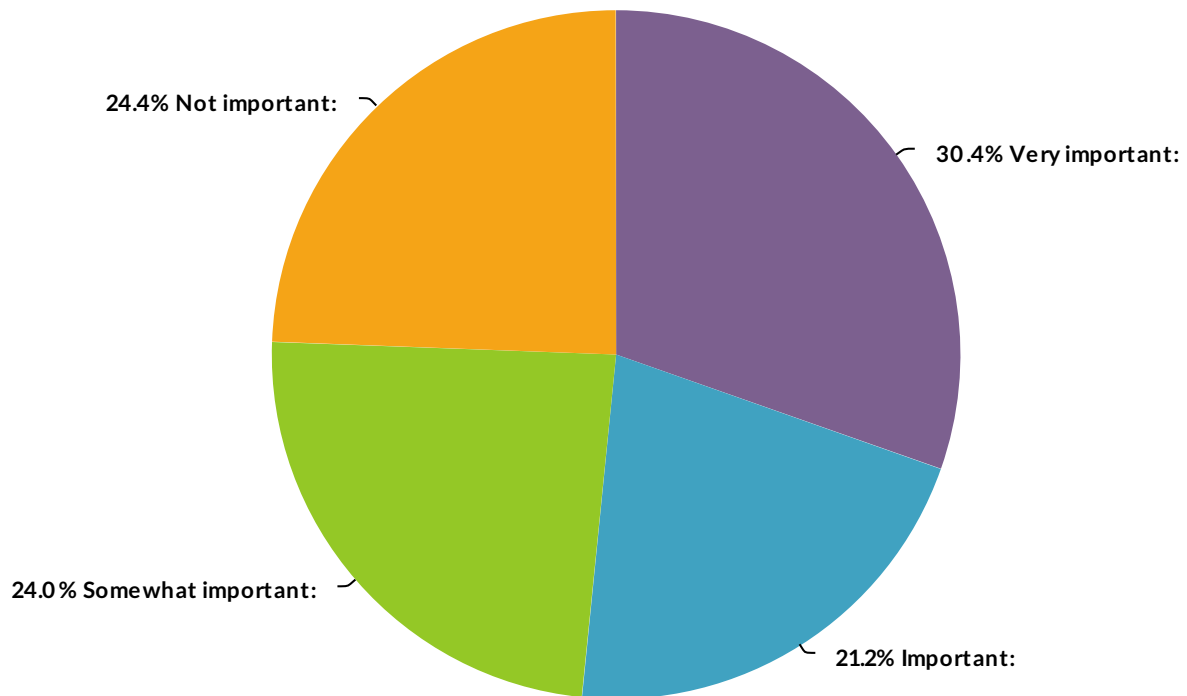
21.2% Important:

Value	Percent		Count
Very important	30.4%		248
Important	21.2%		173
Somewhat important	24.0%		196
Not important	24.4%		199
		Total	816

18. How important is it to enable dynamic configuration in Java EE applications?

Value	Percent		Count
Very important	31.7%		258
Important	29.0%		236
Somewhat important	28.9%		235
Not important	10.4%		85
	Total		**814**

19. Comments:
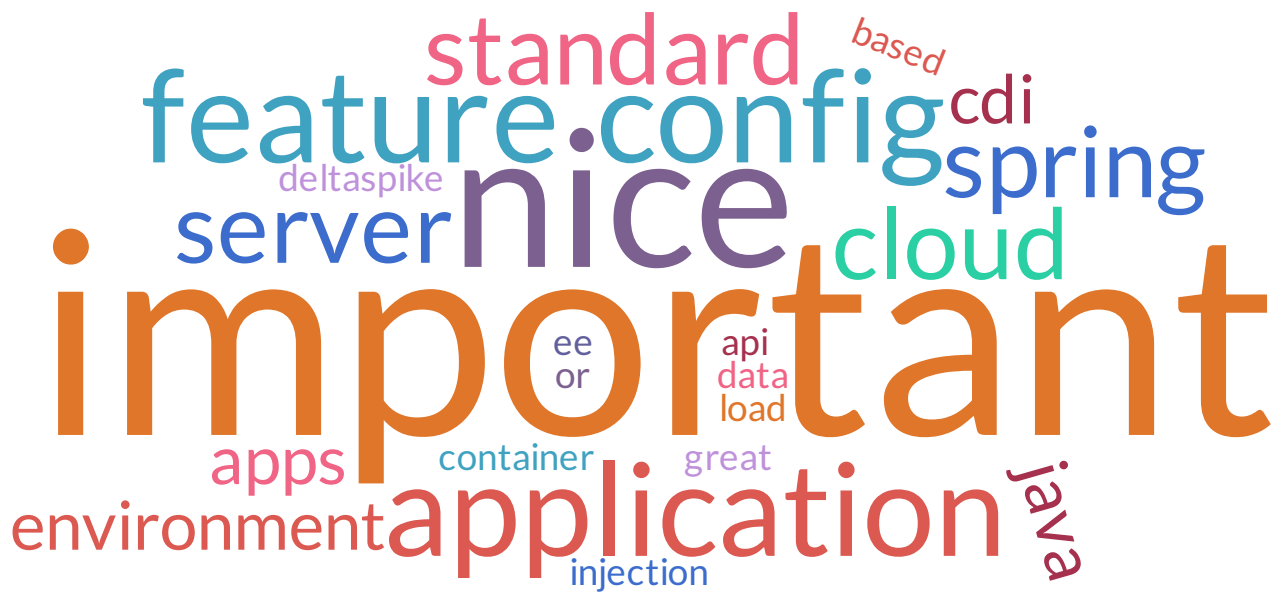
20. Comments:
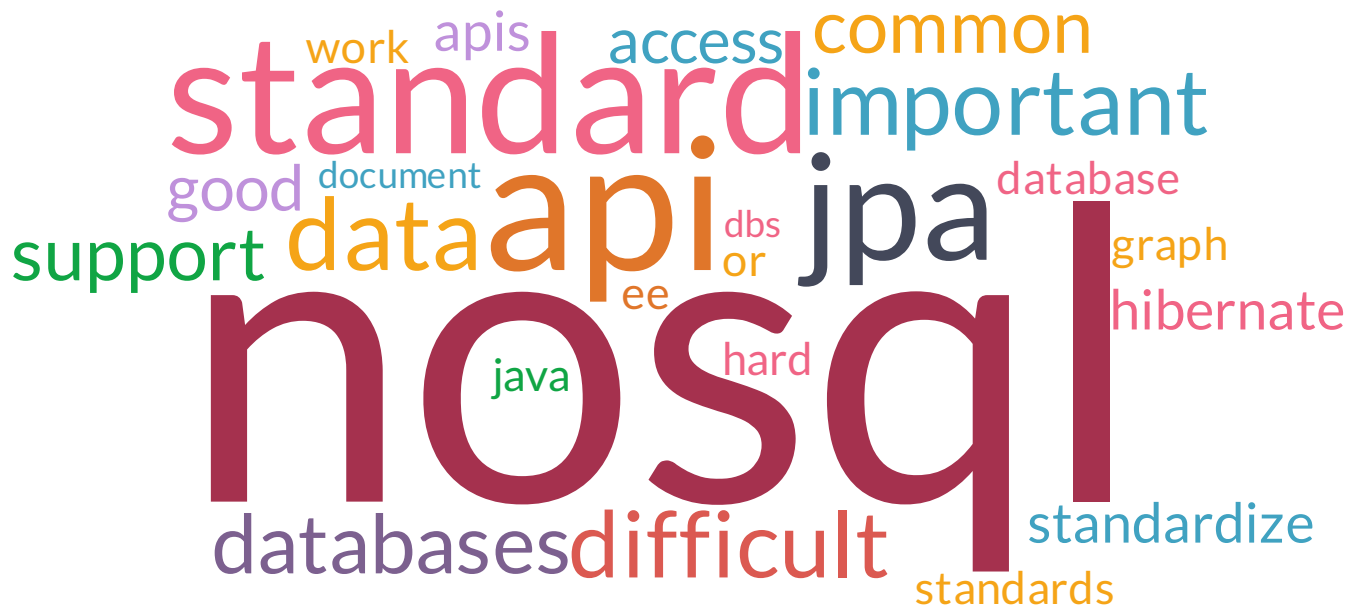
21. How important is it to standardize NoSQL database access in Java EE applications?

23.3% Not important:

24.5% Very important:

29.2% Somewhat important:
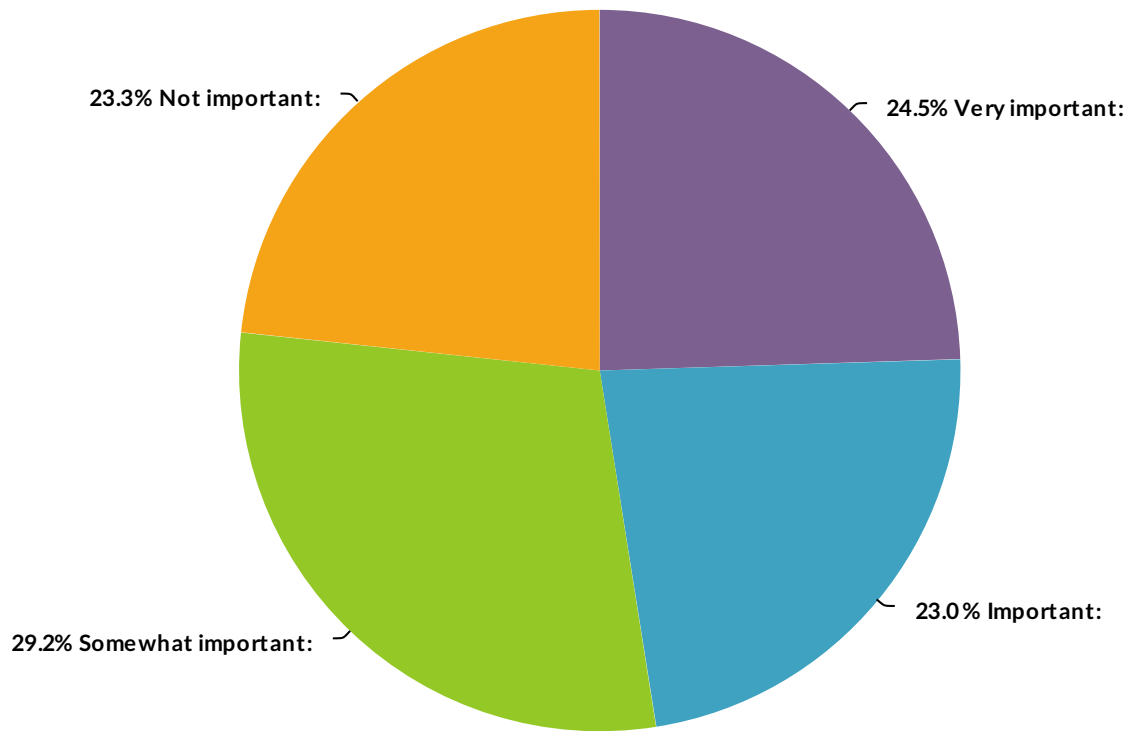
23.0% Important:

Value	Percent		Count
Very important	24.5%		200
Important	23.0%		188
Somewhat important	29.2%		238
Not important	23.3%		190
	Total		**816**

22. How should Java EE approach reactive programming?

5.2% Reactive is merely hype, nothing should be done:

24.0% Introduce significantly specialized Java programming:

to see how well reactive is adopted in practical environments:

31.8% Continue making ad-hoc improvements programming in each Java EE API:
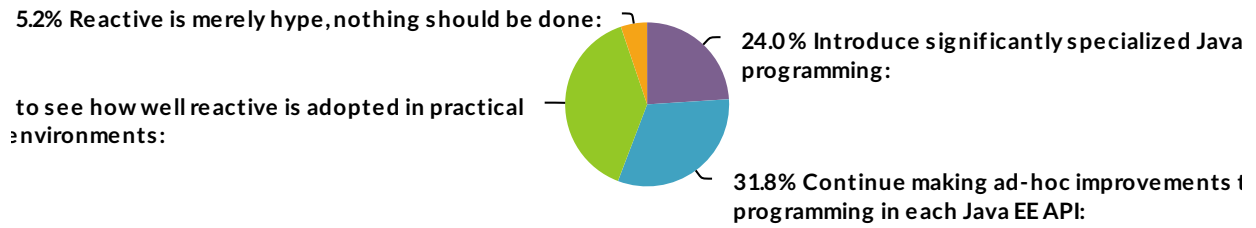
Value	Percent		Count
Introduce significantly specialized Java EE APIs for reactive programming	24.0%		193
Continue making ad-hoc improvements to support reactive programming in each Java EE API	31.8%		256
Wait to see how well reactive is adopted in practical enterprise environments	39.0%		314
Reactive is merely hype, nothing should be done	5.2%		42
		Total	805

23. Comments:

programming
event blocking support
hype good apiapis rxjava based
frameworks
effort wait ee important
java jee specialized
async other
adopted
great applications
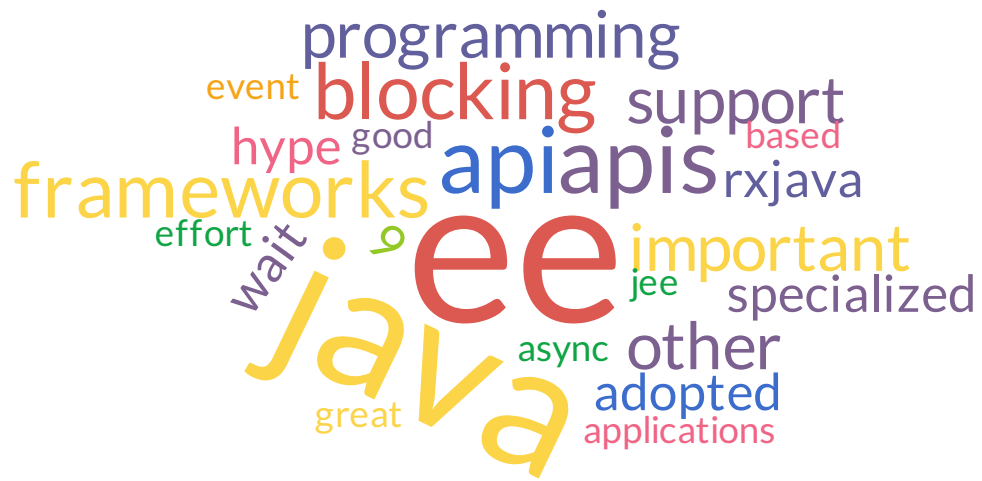
24. How should Java EE approach microservices?

icroservices is merely hype, nothing should be done.:

how well microservices is adopted in practical
nments.:

44.0% Java EE should standardize features su
metrics, discovery, circuit breakers and bulkhe

% Java EE is already well suited to building practical
oservices.:
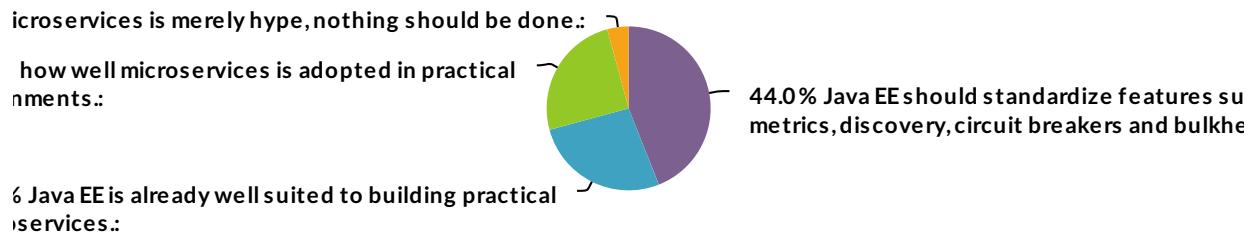
Value	Percent		Count
Java EE should standardize features such as uber jars, metrics, discovery, circuit breakers and bulkheads.	44.0%		355
Java EE is already well suited to building practical microservices.	26.8%		216
Wait to see how well microservices is adopted in practical enterprise environments.	25.0%		202
Microservices is merely hype, nothing should be done.	4.2%		34
	Total		**807**

25. Comments:

important applications features
other or ee time standard
good
server jars circuit
services java netflix
metrics breakers uber
developers spring
suited micro application
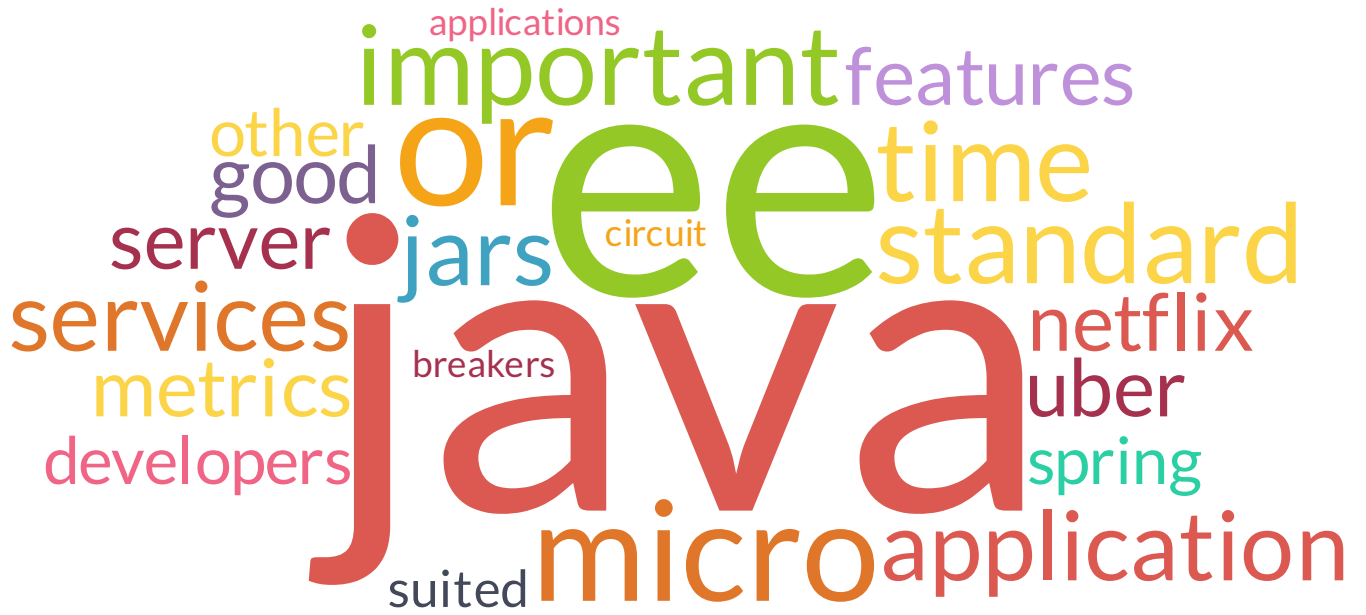
26. How should Java EE approach innovation?

d not standardize ideas that are not clearly

20.8% Java EE should innovate in the same way that non-products do.:

22.7% It is OK for Java EE to standardize unproven idea promising.:

hould innovate, but only very carefully.:
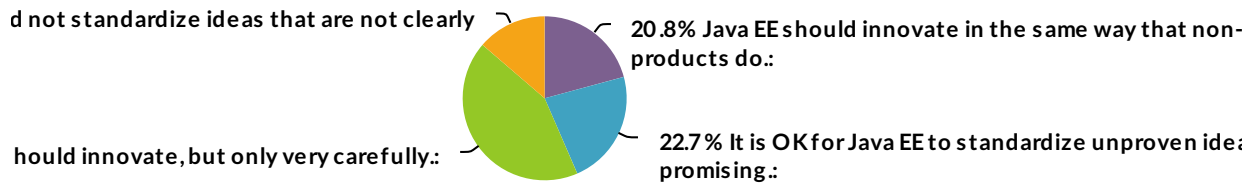
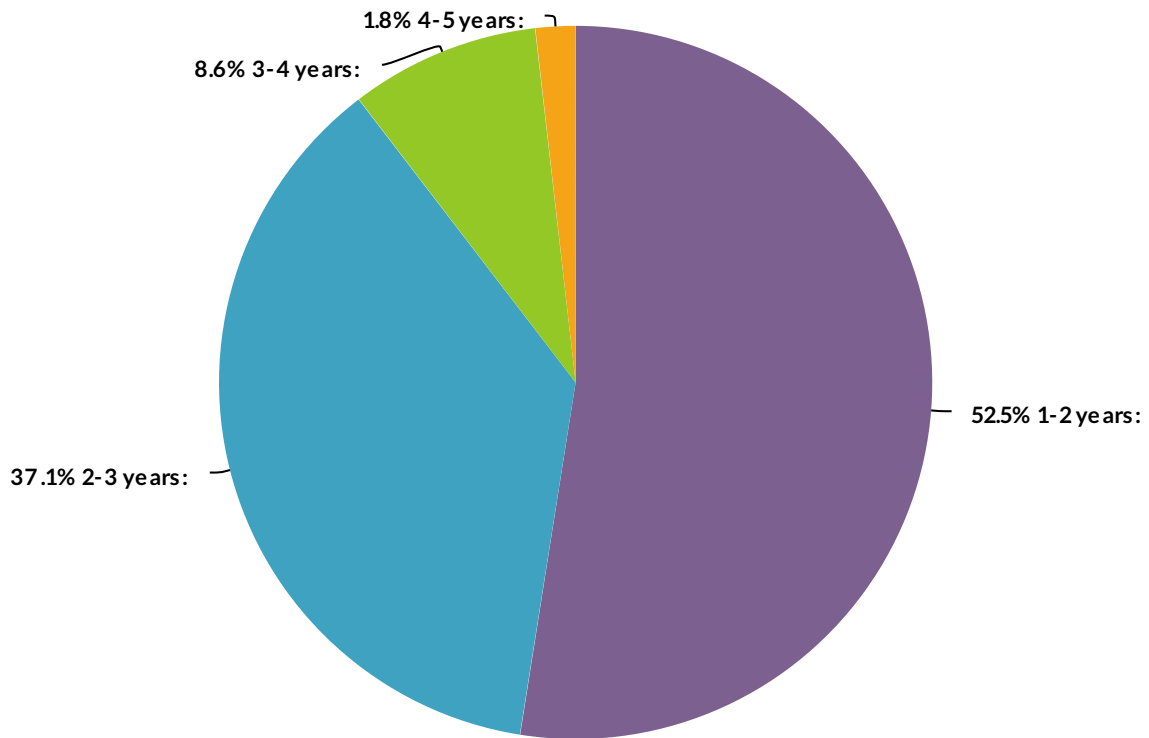| Value	Percent		Count
Java EE should innovate in the same way that non-standard products do.	20.8%		167
It is OK for Java EE to standardize unproven ideas that seem promising.	22.7%		182
Java EE should innovate, but only very carefully.	42.8%		344
Java EE should not standardize ideas that are not clearly proven.	13.7%		110
	Total		**803**

27. Comments:

innovation process hard api idea or long faster innovations clear people time ee ideas frameworks other standards jee libraries

28. What should the release frequency for Java EE be?

1.8% 4-5 years:
8.6% 3-4 years:
52.5% 1-2 years:
37.1% 2-3 years:

Value	Percent		Count
1-2 years	52.5%		426
2-3 years	37.1%		301
3-4 years	8.6%		70
4-5 years	1.8%		15
		Total	812

29. Comments:

technologies long standards pace smaller
java e big year
small jee
proven release years 1 year
3
frequency faster
fast or time features
standard

30. Comments Did we forget something important? Are you missing any features not mentioned in previous questions? Please feel free to enter any comments you would like to be heard.

standard security features enterprise
server cdi
important ee api
functional or spec jee
spring java se application
cloud good 8 lot
integration
work support community