


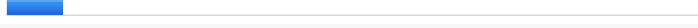


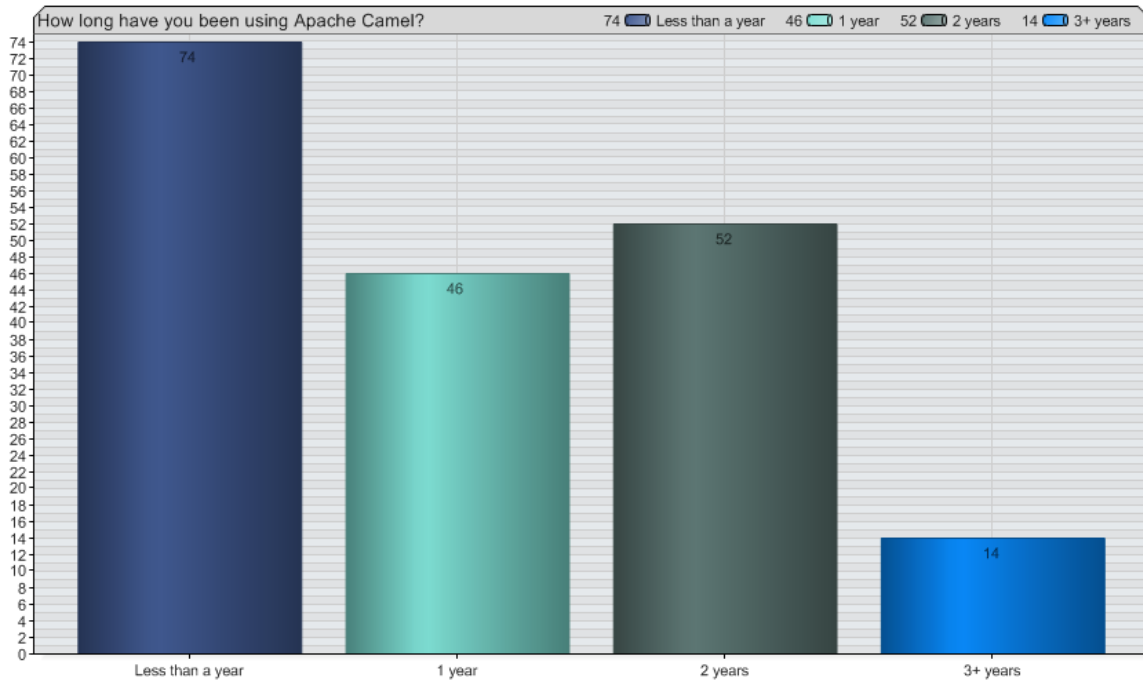
Survey: Apache Camel Survey

Report: Default Report

Survey Status		Respondent Statistics		Points Summary
Status:	Closed	Total Responses:	186	No Points Questions used in this survey.
Deploy Date:	10/05/2010	Completes:	186	
Closed Date:	10/04/2010	Partials:	0	

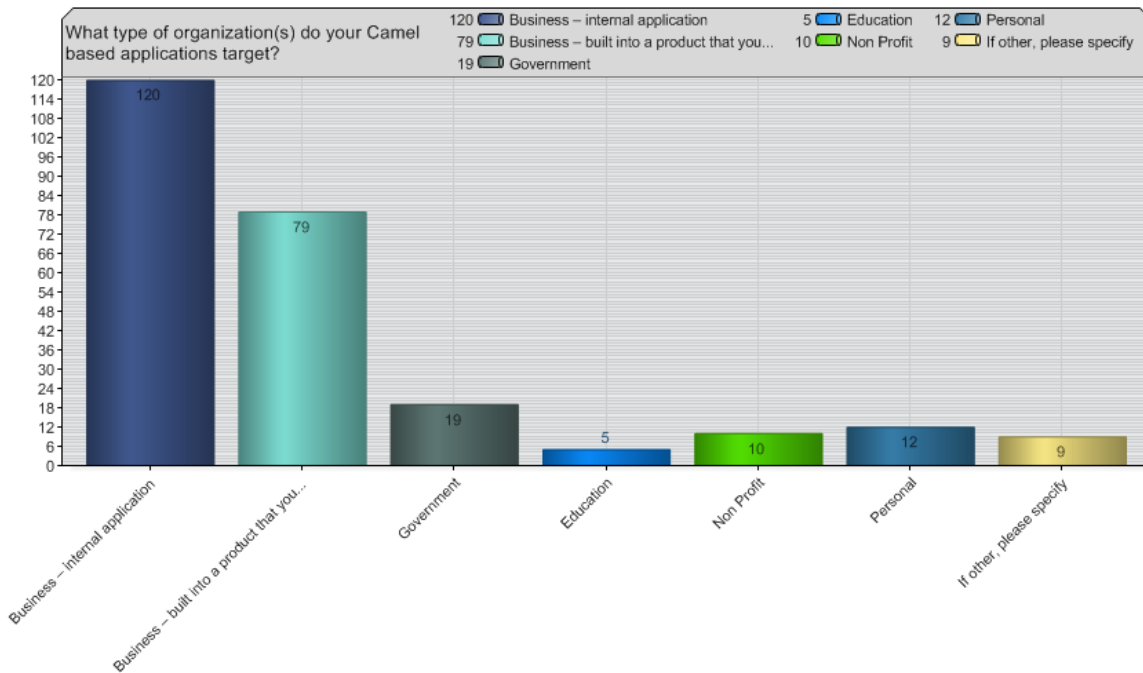
1. How long have you been using Apache Camel?

	Responses	Percent
Less than a year: 	74	39.78%
1 year: 	46	24.73%
2 years: 	52	27.96%
3+ years: 	14	7.53%
Total Responded to this question:		186 100%
Total who skipped this question:		0 0%
Total:		186 100%



2. What type of organization(s) do your Camel based applications target?

	Responses	Percent
Business – internal application:	120	64.52%
Business – built into a product that you sell:	79	42.47%
Government:	19	10.22%
Education:	5	2.69%
Non Profit:	10	5.38%
Personal:	12	6.45%
If other, please specify:	9	4%
Total Responded to this question:		186 100%
Total who skipped this question:		0 0%
Total:		186 100%

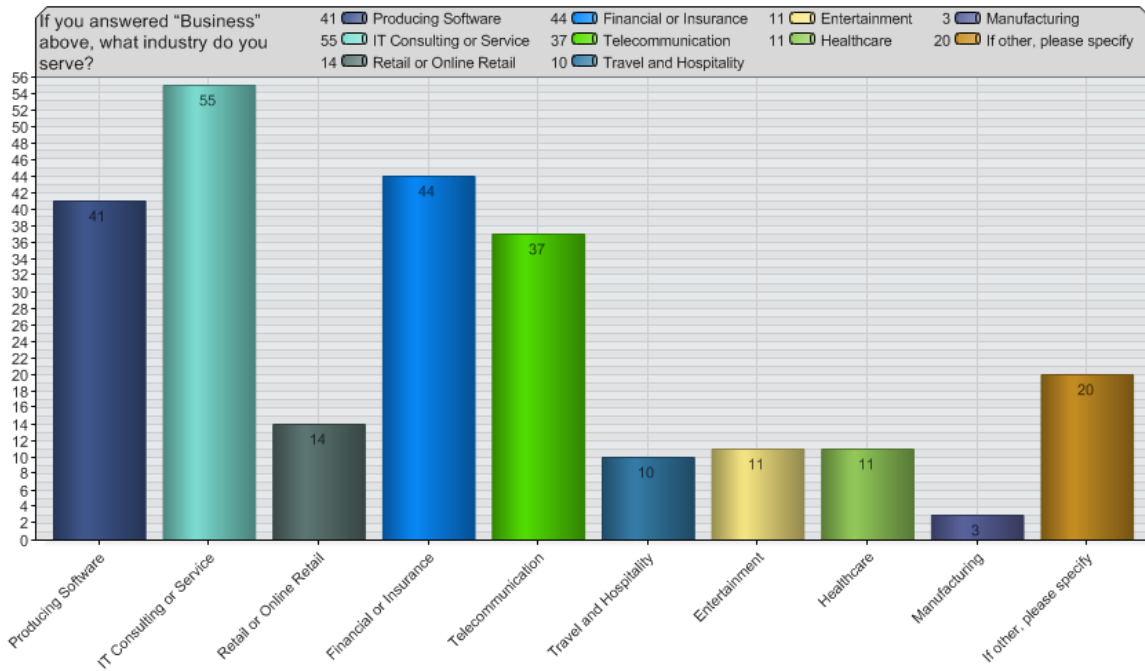


2. What type of organization(s) do your Camel based applications target?

Response	Comments
1	the public
2	Any
3	used in a research project
4	Business Integration -- Financial Services
5	Business - SAAS
6	Business - built into the server component (that products we sell connect to)
7	Opensource project being build
8	Our product is open-source, but is based heavily on using Camel. So we don't sell it, per-se, but we do charge to support it.
9	Bank Systems integration

3. If you answered "Business" above, what industry do you serve?

	Responses	Percent
Producing Software:	41	24.12%
IT Consulting or Service:	55	32.35%
Retail or Online Retail:	14	8.24%
Financial or Insurance:	44	25.88%
Telecommunication:	37	21.76%
Travel and Hospitality:	10	5.88%
Entertainment:	11	6.47%
Healthcare:	11	6.47%
Manufacturing:	3	1.76%
If other, please specify:	20	11%
Total Responded to this question:		170 91.4%
Total who skipped this question:		16 8.6%
Total:		186 100%



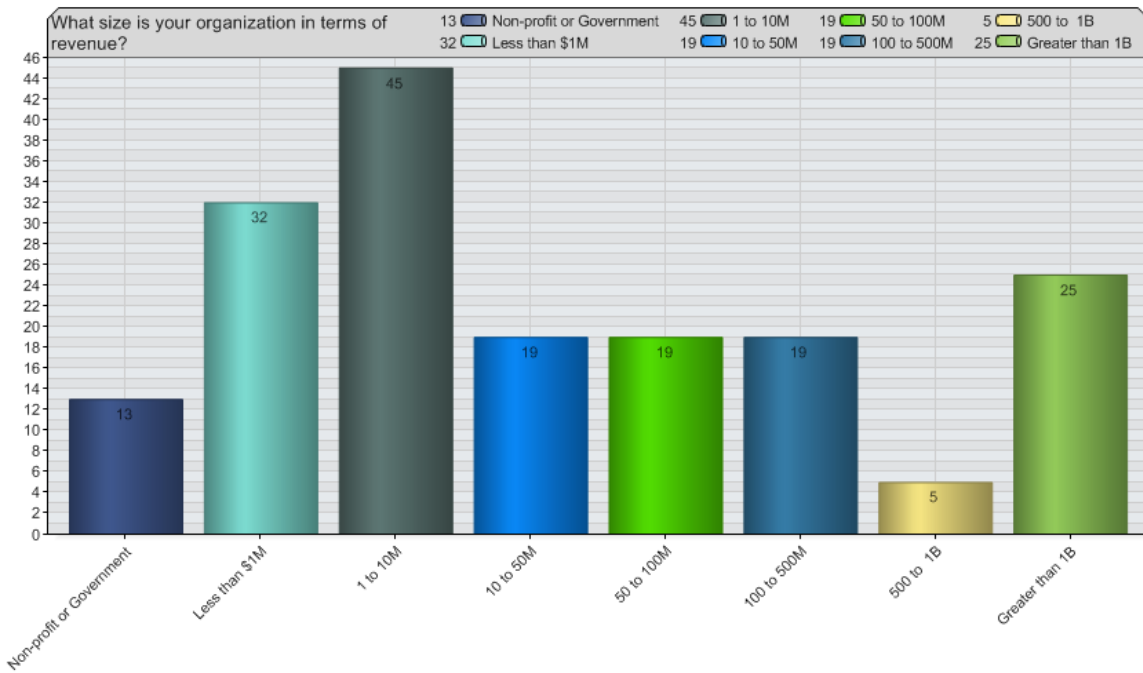
3. If you answered "Business" above, what industry do you serve?

Response	Comments
1	Home Decor
2	Technology, Manufacturing, Pharmaceutical, Packaging, Industrial Equipments, Food & Drink
3	Advertising
4	Any business
5	traffic cars
6	Construction
7	energy, transportation
8	Online gambling
9	B2B, data feeding
10	Publishing
11	Media and Communications
12	Online Marketplace

13	security
14	transport
15	TeleShopping
16	In national agronomic research area
17	Security
18	search engine
19	Energy
20	Translation software

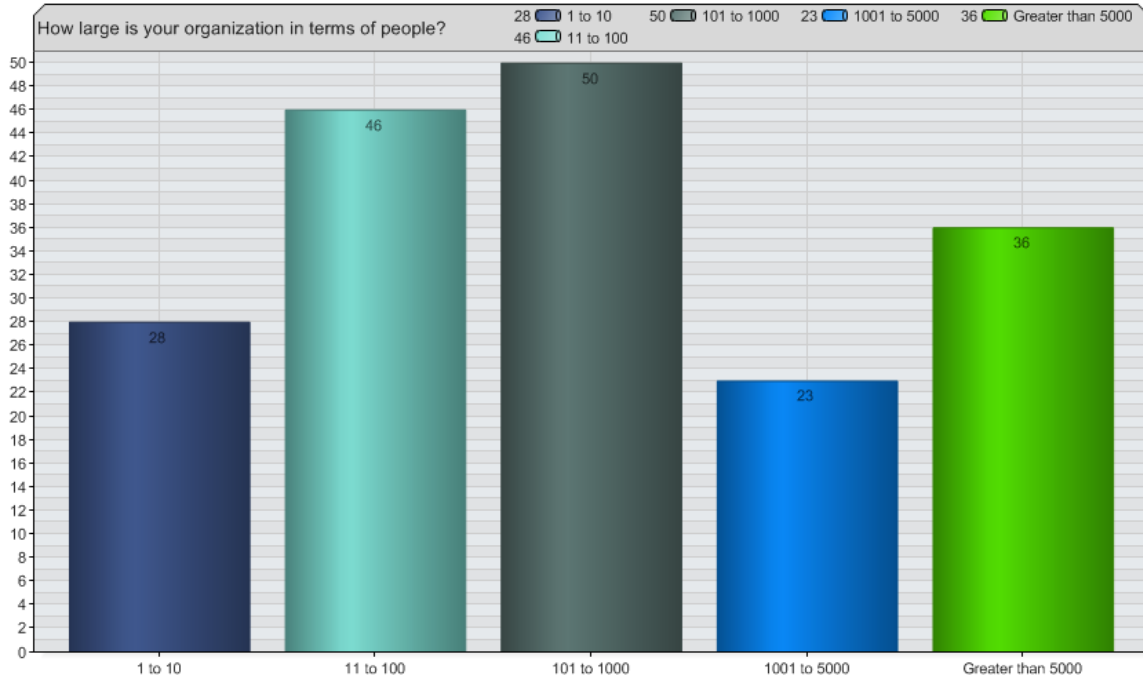
4. What size is your organization in terms of revenue?

	Responses	Percent
Non-profit or Government:	13	7.34%
Less than \$1M:	32	18.08%
1 to 10M:	45	25.42%
10 to 50M:	19	10.73%
50 to 100M:	19	10.73%
100 to 500M:	19	10.73%
500 to 1B:	5	2.82%
Greater than 1B:	25	14.12%
Total Responded to this question:		177 95.16%
Total who skipped this question:		9 4.84%
Total:		186 100%



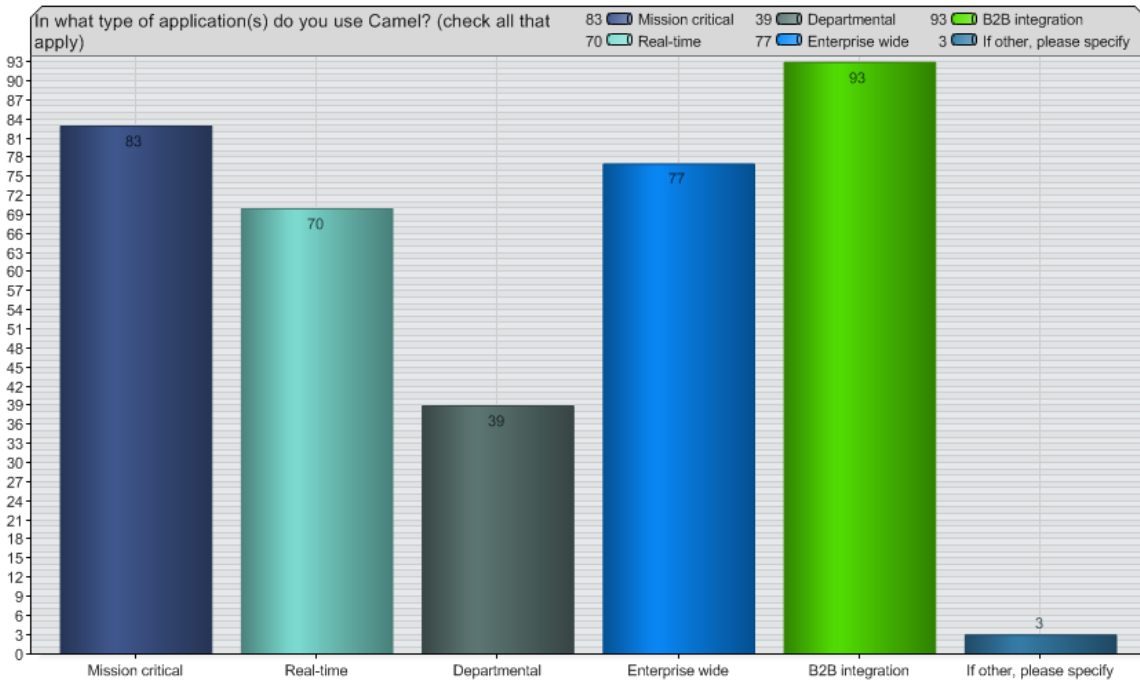
5. How large is your organization in terms of people?

	Responses	Percent
1 to 10:	28	15.3%
11 to 100:	46	25.14%
101 to 1000:	50	27.32%
1001 to 5000:	23	12.57%
Greater than 5000:	36	19.67%
Total Responded to this question:		183 98.39%
Total who skipped this question:		3 1.61%
Total:		186 100%



6. In what type of application(s) do you use Camel? (check all that apply)

	Responses	Percent
Mission critical:	83	46.11%
Real-time:	70	38.89%
Departmental:	39	21.67%
Enterprise wide:	77	42.78%
B2B integration:	93	51.67%
If other, please specify:	3	1%
Total Responded to this question:		180 96.77%
Total who skipped this question:		6 3.23%
Total:		186 100%

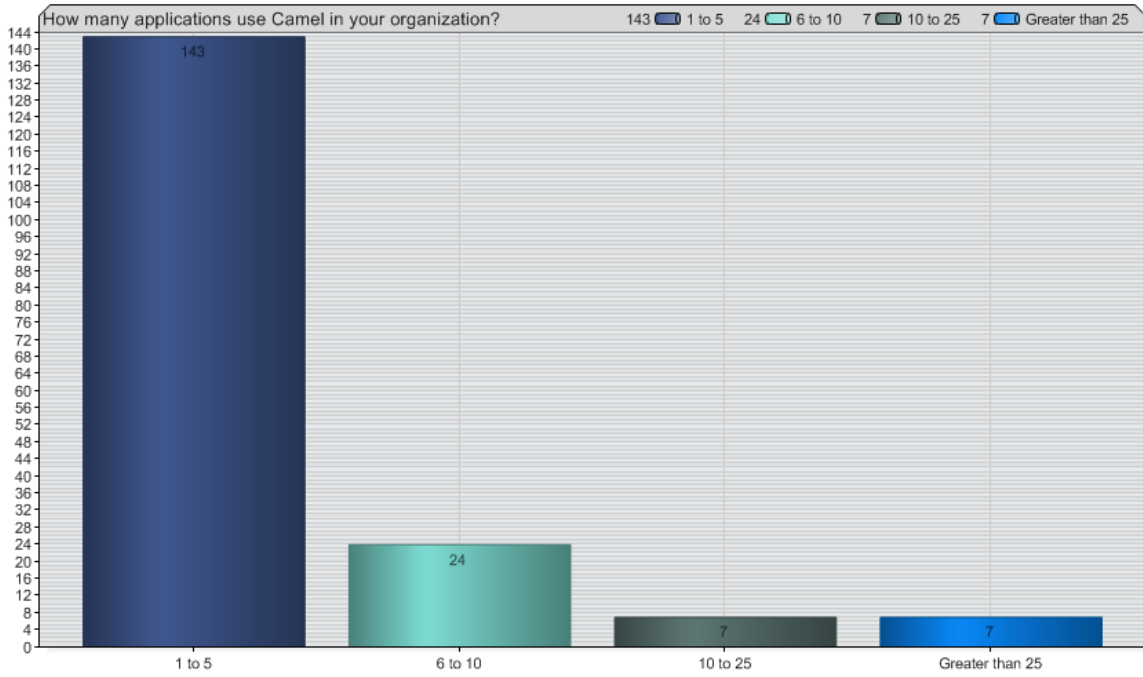


6. In what type of application(s) do you use Camel? (check all that apply)

Response	Comments
1	consumer
2	Integration with legacy systems
3	Cross Enterprise

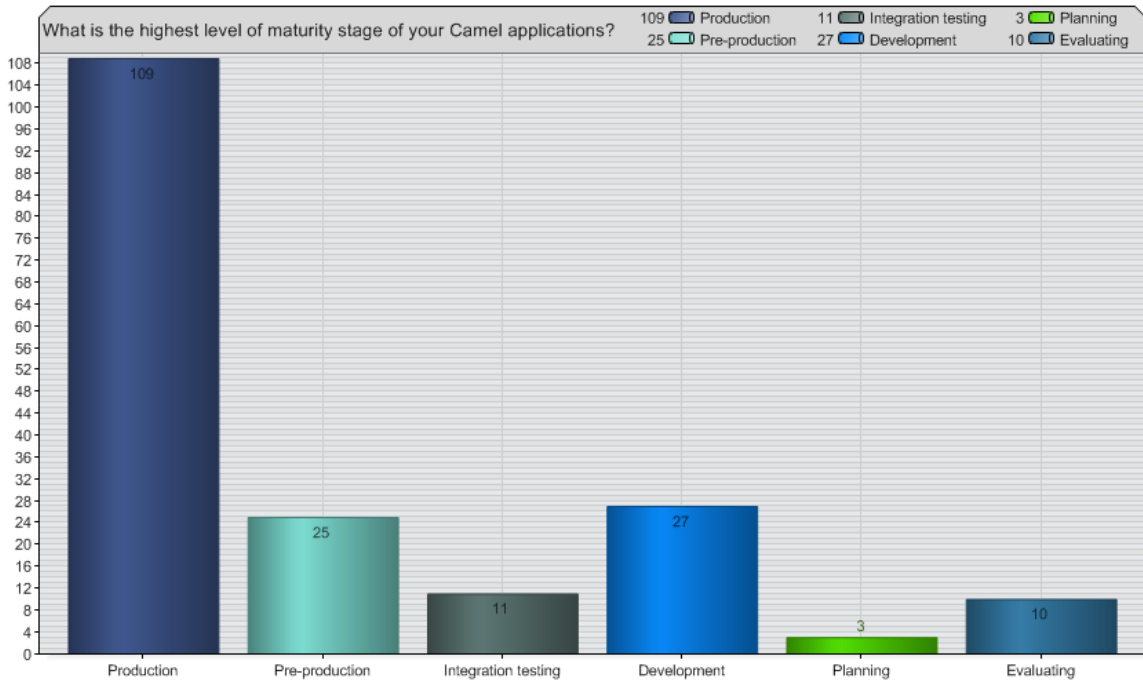
7. How many applications use Camel in your organization?

	Responses	Percent
1 to 5:	143	79.01%
6 to 10:	24	13.26%
10 to 25:	7	3.87%
Greater than 25:	7	3.87%
Total Responded to this question:		181 97.31%
Total who skipped this question:		5 2.69%
Total:		186 100%



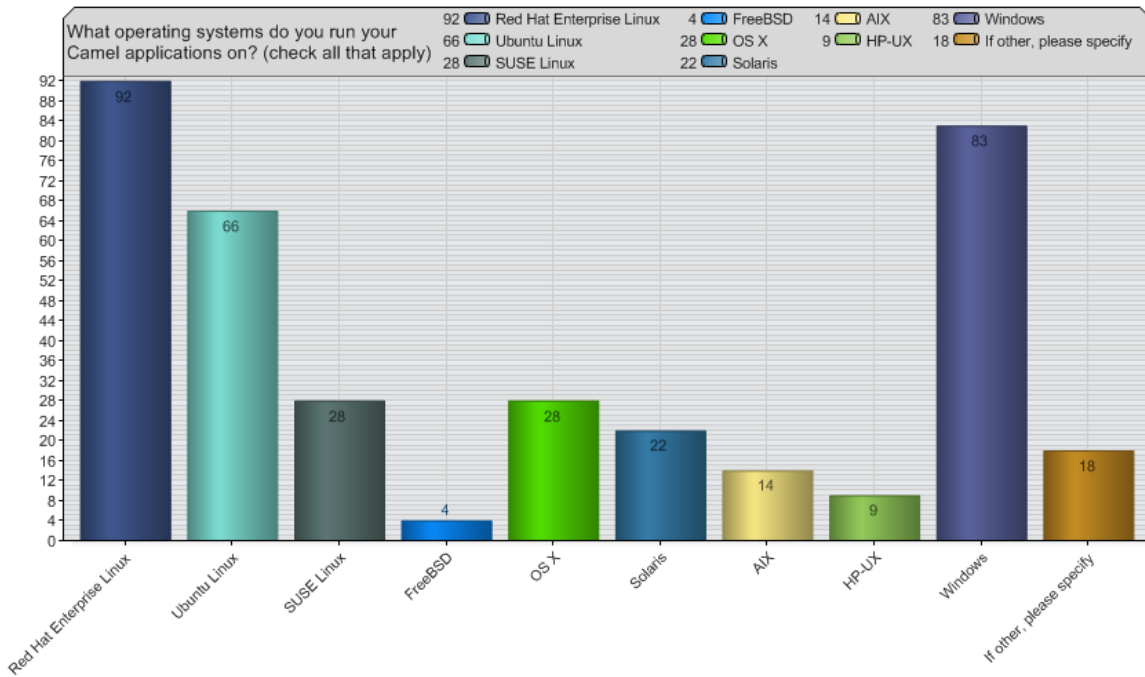
8. What is the highest level of maturity stage of your Camel applications?

	Responses	Percent
Production:	109	58.92%
Pre-production:	25	13.51%
Integration testing:	11	5.95%
Development:	27	14.59%
Planning:	3	1.62%
Evaluating:	10	5.41%
Total Responded to this question:		185 99.46%
Total who skipped this question:		1 0.54%
Total:		186 100%



9. What operating systems do you run your Camel applications on? (check all that apply)

	Responses	Percent
Red Hat Enterprise Linux:	92	49.46%
Ubuntu Linux:	66	35.48%
SUSE Linux:	28	15.05%
FreeBSD:	4	2.15%
OS X:	28	15.05%
Solaris:	22	11.83%
AIX:	14	7.53%
HP-UX:	9	4.84%
Windows:	83	44.62%
If other, please specify:	18	9%
Total Responded to this question:		186 100%
Total who skipped this question:		0 0%
Total:		186 100%



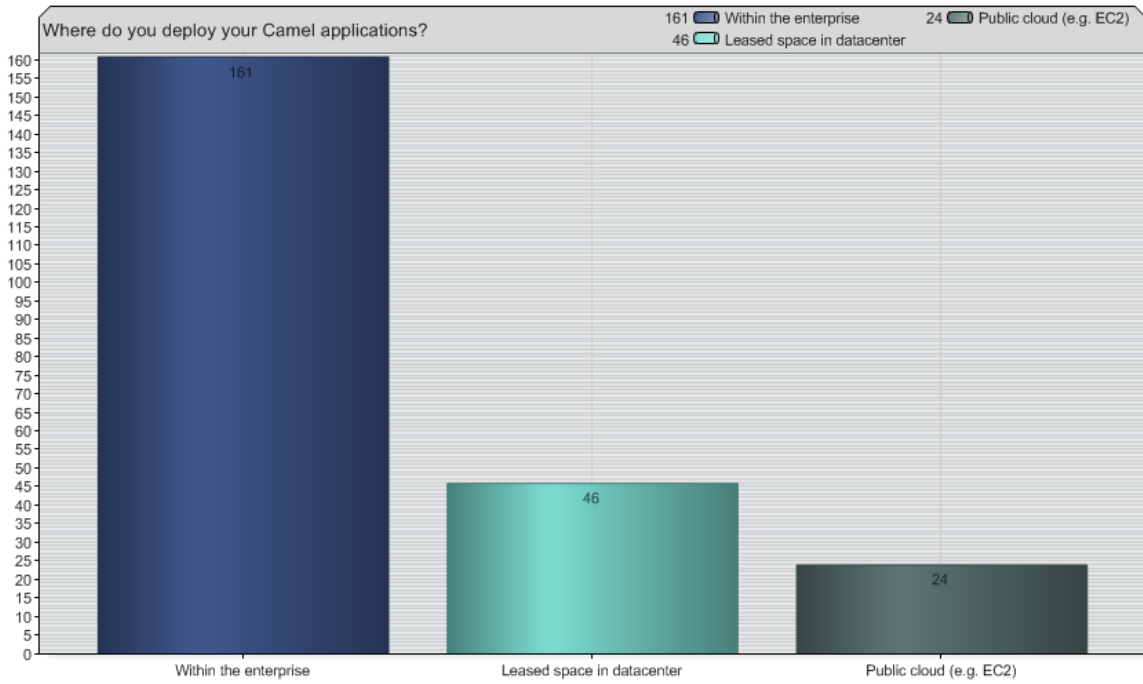
9. What operating systems do you run your Camel applications on? (check all that apply)

Response	Comments
1	CentOS
2	CentOS
3	Debian
4	Debian
5	Gentoo Linux
6	CentOS
7	z/OS
8	oracle linux
9	CentOS 5.4
10	centos, gentoo
11	Debian
12	Debian

- 13 CentOS
- 14 Debian Linux
- 15 debian
- 16 Debian Linux
- 17 gentoo linux
- 18 Centos

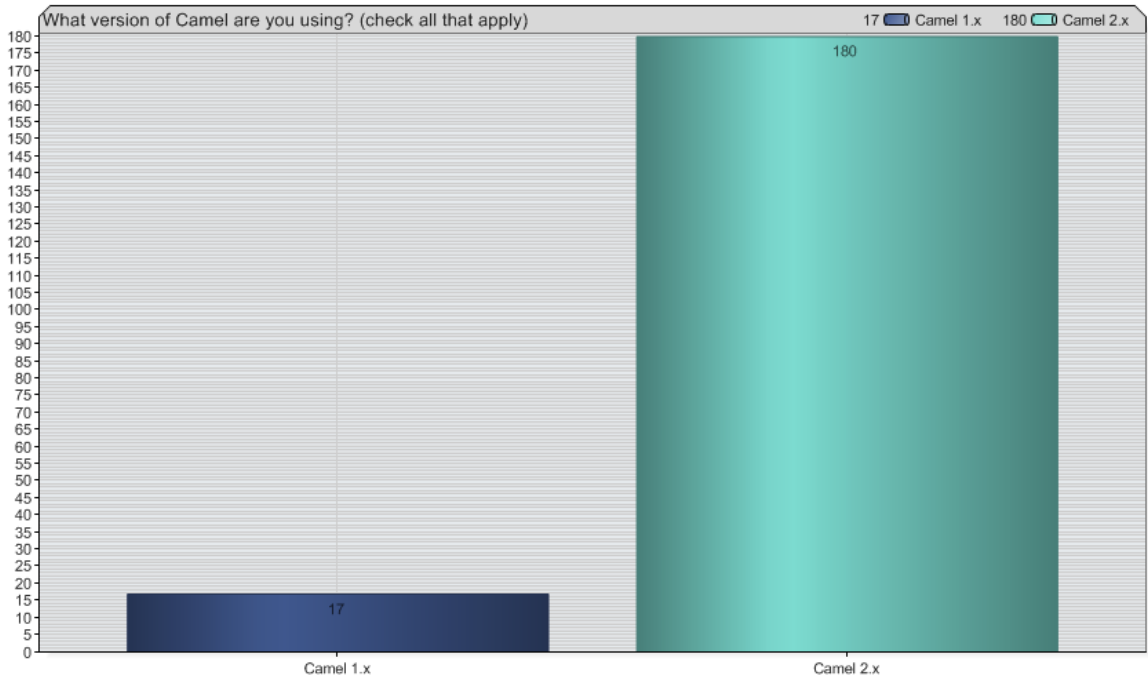
10. Where do you deploy your Camel applications?

	Responses	Percent
Within the enterprise:	161	87.5%
Leased space in datacenter:	46	25%
Public cloud (e.g. EC2):	24	13.04%
Total Responded to this question:		184 98.92%
Total who skipped this question:		2 1.08%
Total:		186 100%



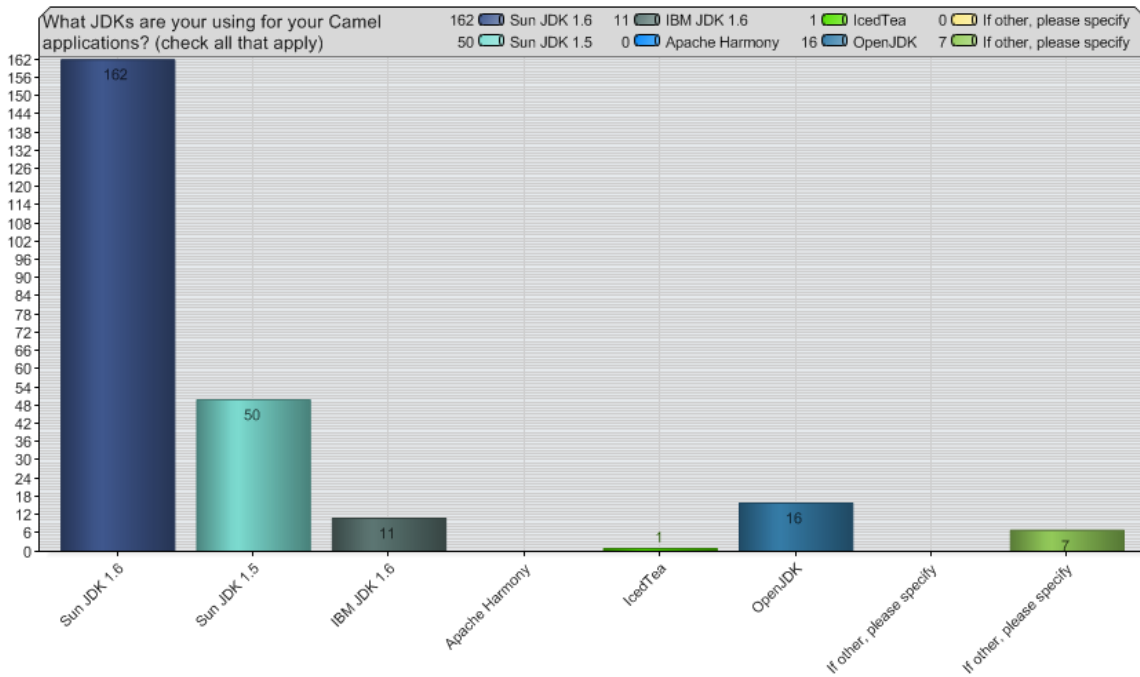
11. What version of Camel are you using? (check all that apply)

	Responses	Percent
Camel 1.x:	17	9.19%
Camel 2.x:	180	97.3%
Total Responded to this question:	185	99.46%
Total who skipped this question:	1	0.54%
Total:	186	100%



12. What JDKs are your using for your Camel applications? (check all that apply)

	Responses	Percent
Sun JDK 1.6:	162	87.1%
Sun JDK 1.5:	50	26.88%
IBM JDK 1.6:	11	5.91%
Apache Harmony:	0	0%
IcedTea:	1	0.54%
OpenJDK:	16	8.6%
If other, please specify:	0	0%
If other, please specify:	7	3%
Total Responded to this question:		186 100%
Total who skipped this question:		0 0%
Total:		186 100%

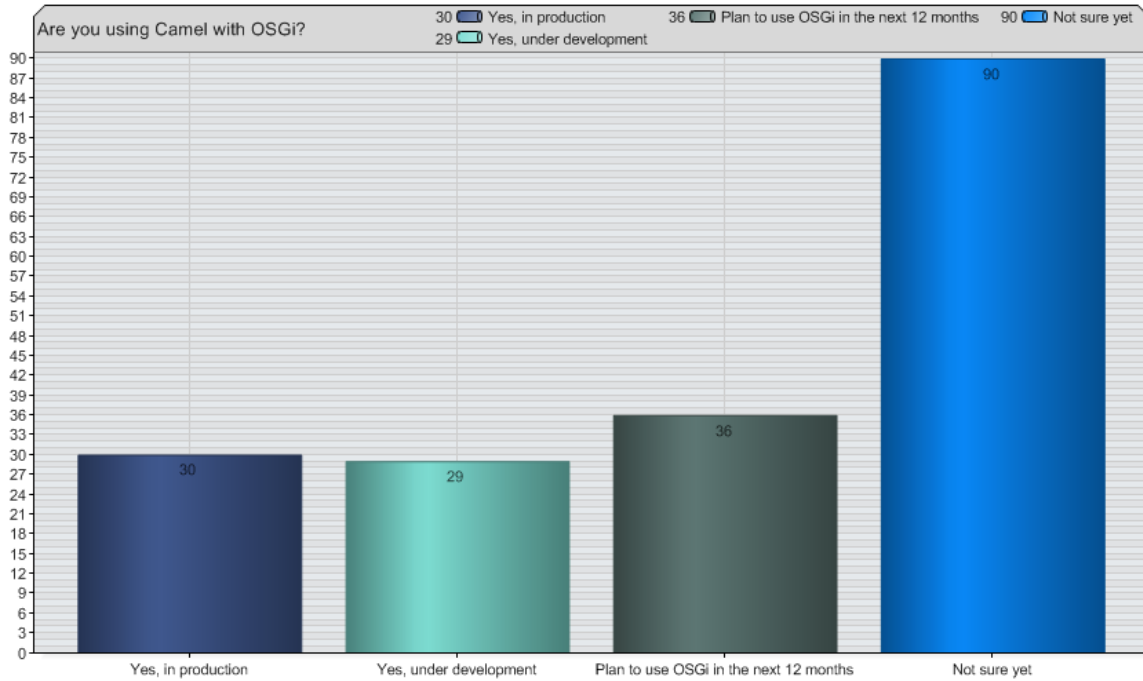


12. What JDKs are your using for your Camel applications? (check all that apply)

Response	Comments
1	IBM JDK 1.5
2	Jrocket
3	IBM JDK 1.5
4	hp jdk
5	mac
6	Sun JDK on MacOS
7	IBM JDK 1.5 :(

13. Are you using Camel with OSGi?

	Responses	Percent
Yes, in production:	30	16.22%
Yes, under development:	29	15.68%
Plan to use OSGi in the next 12 months:	36	19.46%
Not sure yet:	90	48.65%
Additional Comments:	15	8.11%
Total Responded to this question:		185 99.46%
Total who skipped this question:		1 0.54%
Total:		186 100%

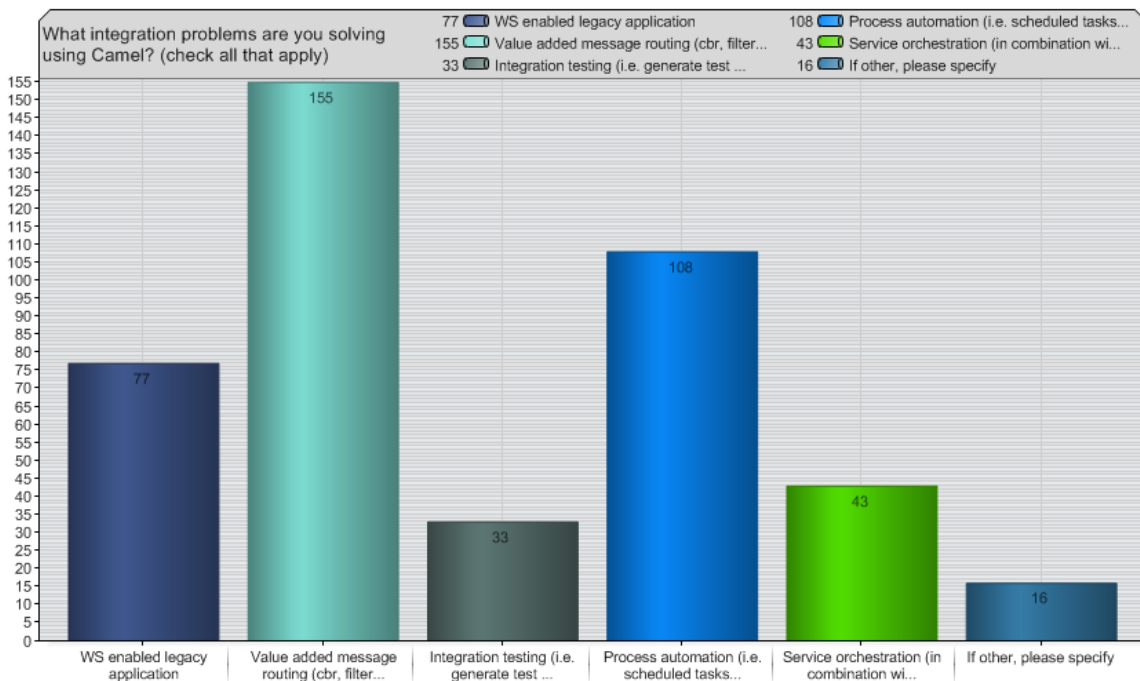


13. Are you using Camel with OSGi?

Response	Comments
1	Camel here is easier to handle than CXF, thanks to less springy-ness
2	No need for OSGi
3	No
4	Really don't care for or about about OSGi
5	will probably avoid OSGi
6	Would love to see the Camel OSGi support
7	After evaluation, we do not plan to use OSGi going forward
8	Will use either Apache Felix or Spring DM Server or Equinox
9	osgi seems over complicated.... make it easy. ;-)
10	Still looking for a good OSGi container.
11	No business case to use that
12	need another option here for "no plans"
13	Already finished, but on the next project I will.
14	not a big fan
15	We'd like to use it more, but had integration issues earlier. 2.5 will hopefully fix some of those

14. What integration problems are you solving using Camel? (check all that apply)

	Responses	Percent
WS enabled legacy application:	77	41.62%
Value added message routing (cbr, filtering, validation, etc):	155	83.78%
Integration testing (i.e. generate test data):	33	17.84%
Process automation (i.e. scheduled tasks, data consolidation):	108	58.38%
Service orchestration (in combination with BPEL):	43	23.24%
If other, please specify:	16	8%
Total Responded to this question:		185 99.46%
Total who skipped this question:		1 0.54%
Total:		186 100%

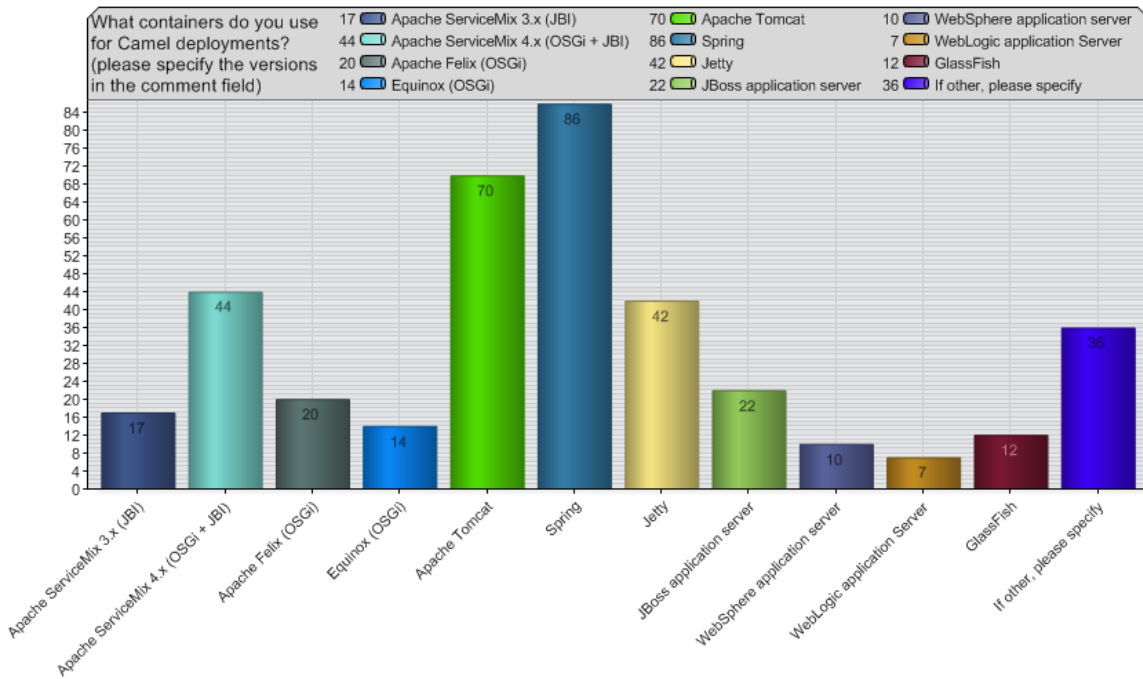


14. What integration problems are you solving using Camel? (check all that apply)

Response	Comments
1	file transfer
2	web services
3	WS enabled batch processing
4	Implementing eHealth-standard interfaces
5	internal messaging
6	event processing
7	data delivery
8	data integration within platform, crm, erp a.s.o.
9	distributed app (not an integration scenario)
10	I need a component supporting persistent socket connection as client with mina
11	Service orchestration, without BPEL
12	Data integration
13	Mediation of transports and data formats
14	still evaluating
15	Real-time monitoring and control for complex networks
16	process device data (M2M)

15. What containers do you use for Camel deployments? (please specify the versions in the comment field)

	Responses	Percent
Apache ServiceMix 3.x (JBI):	17	9.19%
Apache ServiceMix 4.x (OSGi + JBI):	44	23.78%
Apache Felix (OSGi):	20	10.81%
Equinox (OSGi):	14	7.57%
Apache Tomcat:	70	37.84%
Spring:	86	46.49%
Jetty:	42	22.7%
JBoss application server:	22	11.89%
WebSphere application server:	10	5.41%
WebLogic application Server:	7	3.78%
GlassFish:	12	6.49%
If other, please specify:	36	19%
Total Responded to this question:		185 99.46%
Total who skipped this question:		1 0.54%
Total:		186 100%



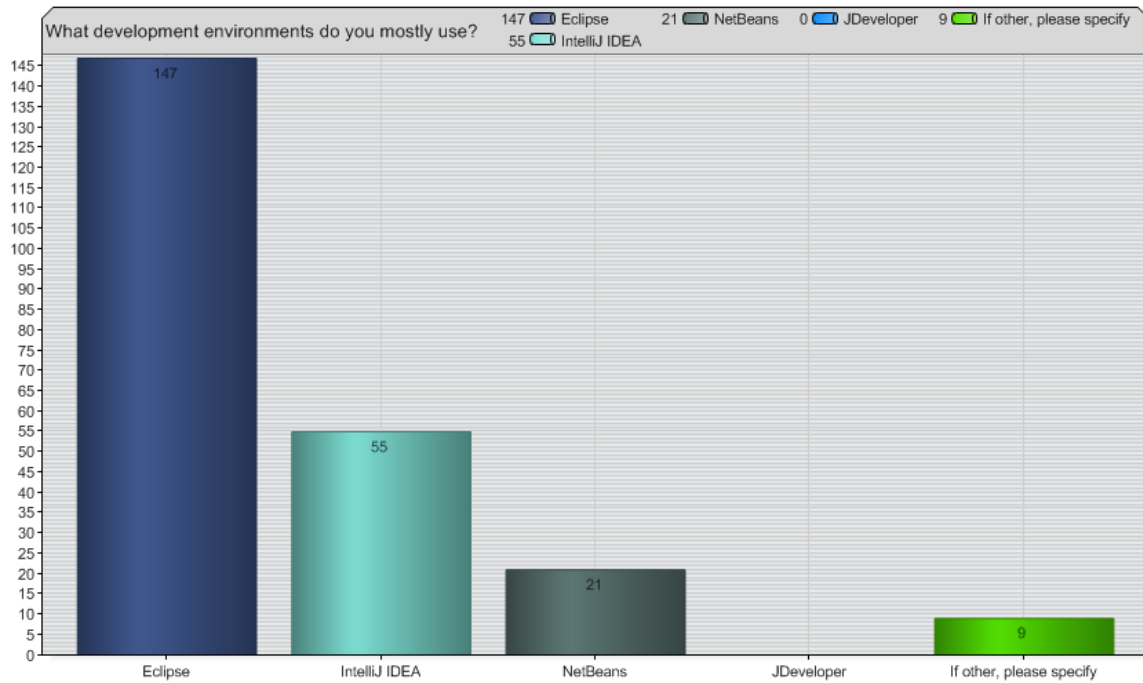
15. What containers do you use for Camel deployments? (please specify the versions in the comment field)

Response	Comments
1	Winstone :)
2	ActiveMQ
3	karaf
4	Tomcat 6
5	Tomcat 6
6	standalone JVM / java service wrapper
7	Standalone App
8	OpenEJB
9	Karaf 1.6.0, Karaf 2.1.0 (both using Felix)
10	activemq

11	Apache Karaf 2.0.0
12	Apache Tomcat 6.x WebLogic application Server 9.x
13	6
14	Glassfish v3
15	Apache ActiveMQ
16	Daemon under z/OS (long batching) -> Websphere kills long processes
17	Resin 3.x
18	ActiveMQ
19	Spring 2.5, Websphere AS 7
20	standalone
21	ActiveMQ
22	Generally as a stand-alone application deployed as a Linux/Mac OS X service
23	java application
24	Tomcat 6.0, retired ServiceMix 3.x from production
25	OW2 JOnAS
26	Stand-alone
27	karaf
28	none: custom Java application
29	Weblogic
30	Self developed application
31	SMX 3.3.2
32	virgo
33	Using Spring injected application using the Restlet project
34	We'd like to move to ServiceMix 4 completely, but haven't cleared all the hurdles yet
35	own application
36	Apache Karaf 2.1.0

16. What development environments do you mostly use?

	Responses	Percent
Eclipse:	147	79.89%
IntelliJ IDEA:	55	29.89%
NetBeans:	21	11.41%
JDeveloper:	0	0%
If other, please specify:	9	4%
Total Responded to this question:		184 98.92%
Total who skipped this question:		2 1.08%
Total:		186 100%

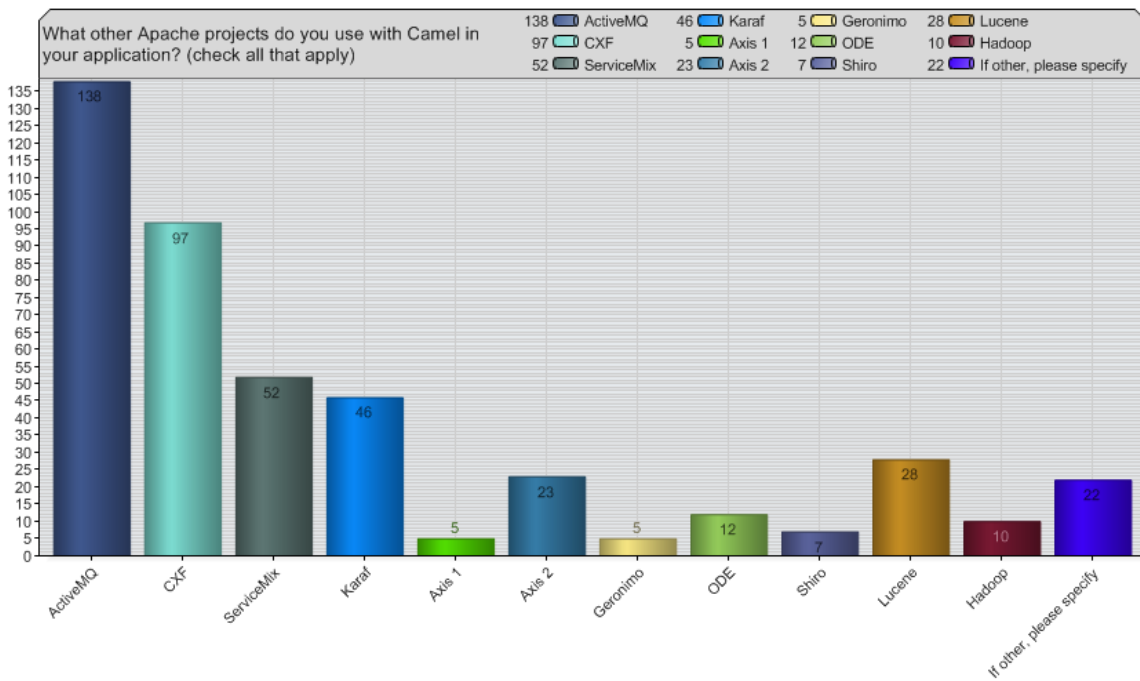


16. What development environments do you mostly use?

Response	Comments
1	STS
2	maven
3	Maven
4	vim
5	emacs
6	IBM Rational Application Developer
7	vi
8	Spring Tool Suite
9	text editor

17. What other Apache projects do you use with Camel in your application? (check all that apply)

	Responses	Percent
ActiveMQ:	138	80.23%
CXF:	97	56.4%
ServiceMix:	52	30.23%
Karaf:	46	26.74%
Axis 1:	5	2.91%
Axis 2:	23	13.37%
Geronimo:	5	2.91%
ODE:	12	6.98%
Shiro:	7	4.07%
Lucene:	28	16.28%
Hadoop:	10	5.81%
If other, please specify:	22	12%
Total Responded to this question:		172 92.47%
Total who skipped this question:		14 7.53%
Total:		186 100%



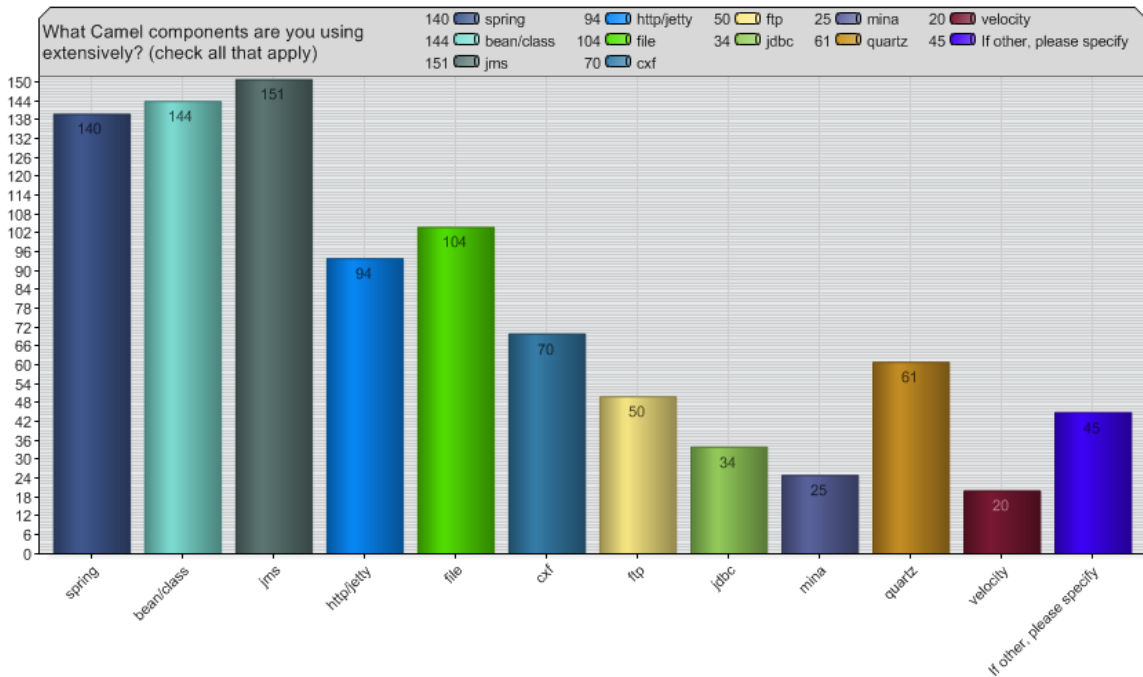
17. What other Apache projects do you use with Camel in your application? (check all that apply)

Response	Comments
1	JBoss Stack
2	hise, drools
3	dbcp
4	log4j
5	Wicket
6	Aries, OpenJPA
7	Apache Wink
8	wicket
9	Apache MINA
10	Felix, iPOJO

11	commons
12	JBoss Messaging (not really Apache though I don't think)
13	Exec
14	commons lib, ibatis,
15	POI
16	commons, logging,
17	Cayenne,Maven
18	JAXWS-RI
19	Would love to use RabbitMQ !
20	Solr, Mahout, Cassandra
21	pdfbox
22	Mina

18. What Camel components are you using extensively? (check all that apply)

	Responses	Percent
spring:	140	76.09%
bean/class:	144	78.26%
jms:	151	82.07%
http/jetty:	94	51.09%
file:	104	56.52%
cx:	70	38.04%
ftp:	50	27.17%
jdbc:	34	18.48%
mina:	25	13.59%
quartz:	61	33.15%
velocity:	20	10.87%
If other, please specify:	45	24%
Total Responded to this question:		184 98.92%
Total who skipped this question:		2 1.08%
Total:		186 100%





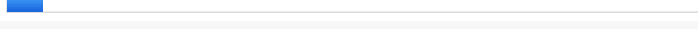


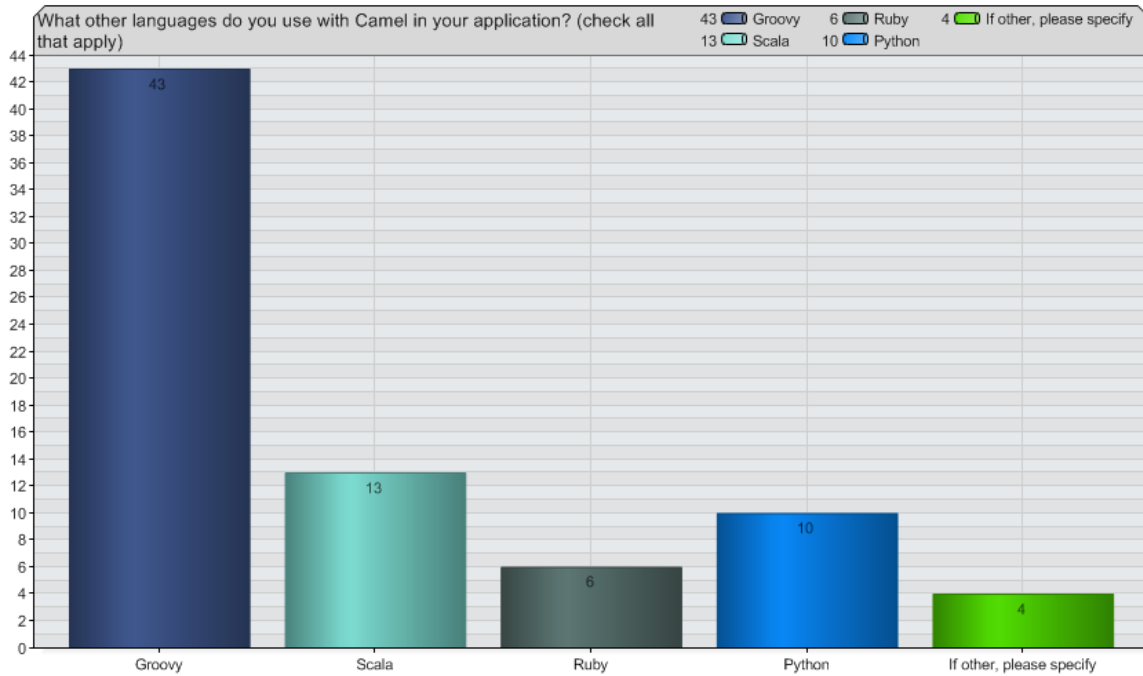
18. What Camel components are you using extensively? (check all that apply)

Response	Comments
1	XQuery, CamelEdge (FUSE Forge), Freemarker
2	JBI
3	vm/direct (likely will port to JMS as we scale)
4	log, xslt
5	JPA
6	servlet, freemaker, ibatis
7	netty crypto jaxb
8	jackson
9	xslt, drools
10	xslt, custom (spring-ws)

11 XQuery , XPath
12 jpa dozer
13 Esper
14 mail, imap
15 cache
16 smtp
17 xslt, xquery
18 mail
19 netty
20 rss,activemq
21 soap jaxb
22 rss
23 camel-jpa, camel-web, camel-dozer
24 servlet
25 direct, seda
26 Queue
27 Aggregator
28 Also thinking to utilize the Zip and Unzip data format moving forward with our application
29 jbi
30 Exec
31 jbi, vm
32 freemarker mock
33 hl7
34 freemarker, jpa
35 AMQP, ActiveMQ, JMS, /many/ home grown components.
36 jpa,smtp,seda,direct
37 exec
38 seda, log, jpa, sql
39 jaxb
40 will replace mina with netty as mina cause too much trouble (and is not updated fast enough)
41 lucene, script
42 hl7
43 smpp, activemq, freemarker, mail
44 xslt
45 restlet

19. What other languages do you use with Camel in your application? (check all that apply)

	Responses	Percent
Groovy: 	43	64.18%
Scala: 	13	19.4%
Ruby: 	6	8.96%
Python: 	10	14.93%
If other, please specify: 	4	5%
Total Responded to this question:	67	36.02%
Total who skipped this question:	119	63.98%
Total:	186	100%

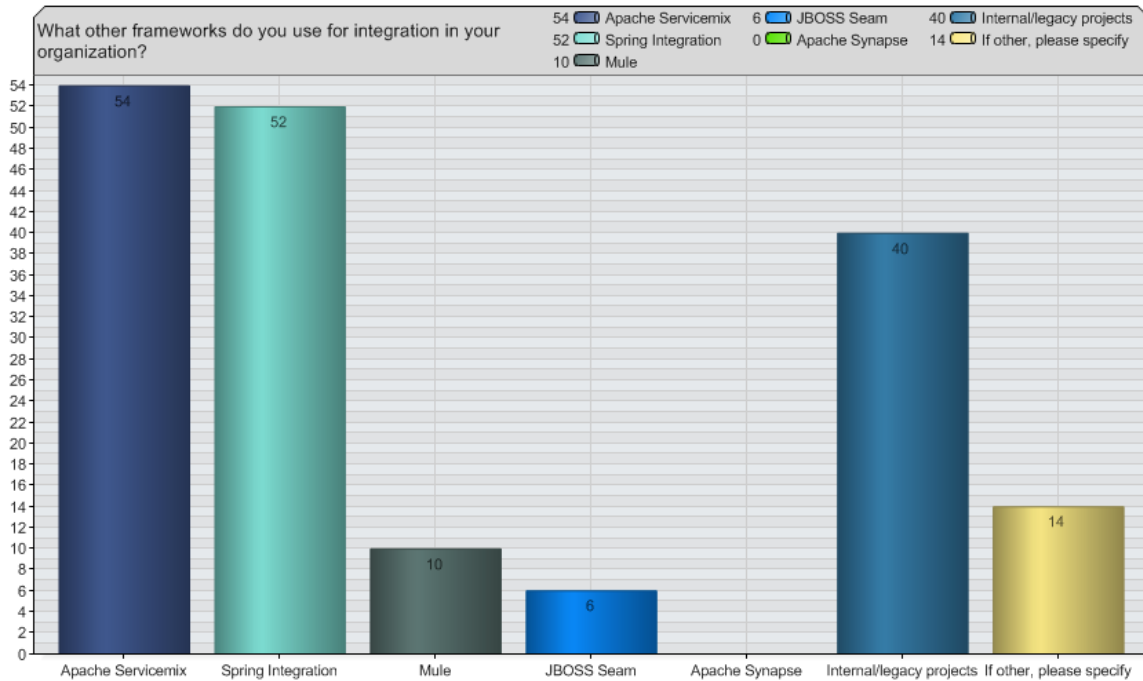


19. What other languages do you use with Camel in your application? (check all that apply)

Response	Comments
1	javascript
2	Not 100% but ya some time, SCALA
3	none
4	no

20. What other frameworks do you use for integration in your organization?

	Responses	Percent
Apache Servicemix:	54	41.54%
Spring Integration:	52	40%
Mule:	10	7.69%
JBOSS Seam:	6	4.62%
Apache Synapse:	0	0%
Internal/legacy projects:	40	30.77%
If other, please specify:	14	10%
Total Responded to this question:		130 69.89%
Total who skipped this question:		56 30.11%
Total:		186 100%

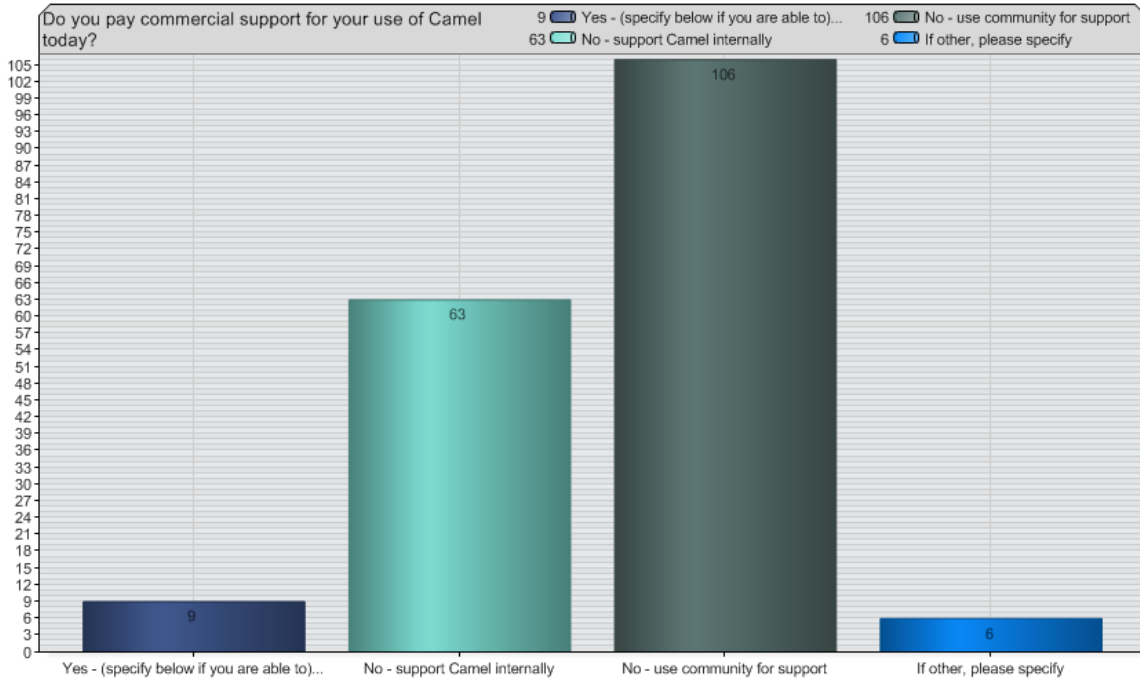


20. What other frameworks do you use for integration in your organization?

Response	Comments
1	Kettle
2	Portlets, JBoss RichFaces + Facelets
3	Only Camel
4	Oracle OSB
5	Tibco BW
6	webmethods (roadmap unclear now)
7	OW2 JOnAS
8	Oracle Aqualogic
9	Legacy CastIron Work (being replaced by ServiceMix/Camel)
10	no
11	JBossESB
12	camel rocks, dont need anything else
13	Restlet
14	weblogic integration bea

21. Do you pay commercial support for your use of Camel today?

	Responses	Percent
Yes - (specify below if you are able to):	9	4.89%
No - support Camel internally:	63	34.24%
No - use community for support:	106	57.61%
If other, please specify:	6	3.26%
Total Responded to this question:		184 98.92%
Total who skipped this question:		2 1.08%
Total:		186 100%

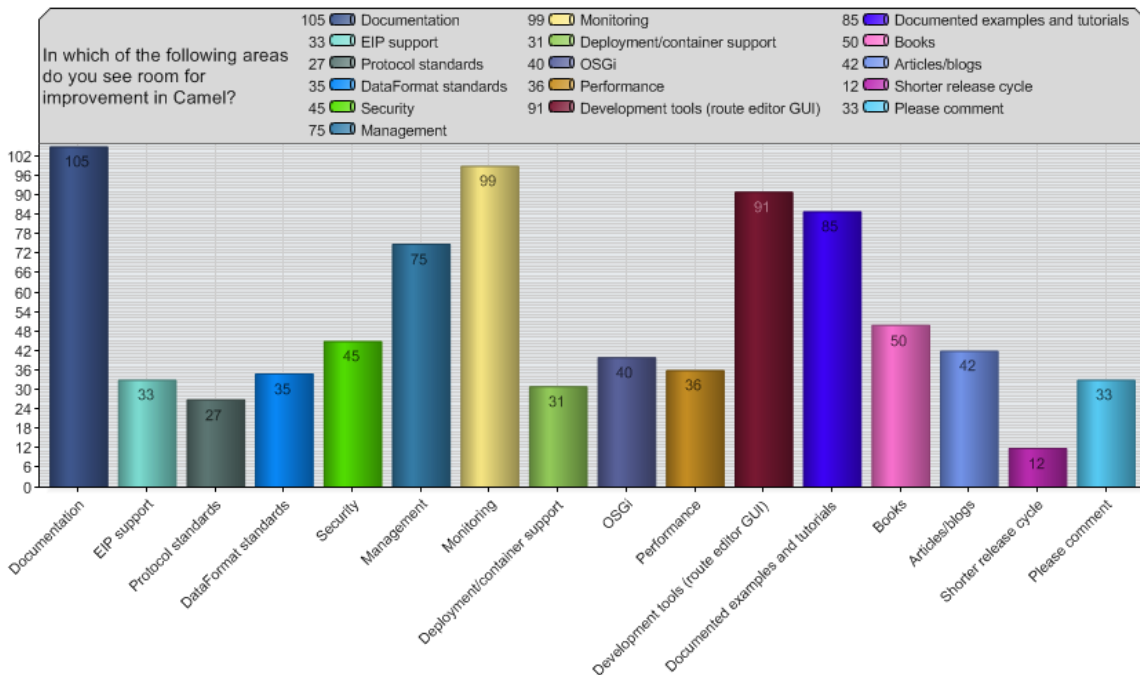


21. Do you pay commercial support for your use of Camel today?

Response	Comments
1	Contract to provide support.
2	Will buy support once evaluation is complete
3	fuse
4	have not yet decided
5	evaluating
6	Fuse Source

22. In which of the following areas do you see room for improvement in Camel?

	Responses	Percent
Documentation:	105	57.69%
EIP support:	33	18.13%
Protocol standards:	27	14.84%
DataFormat standards:	35	19.23%
Security:	45	24.73%
Management:	75	41.21%
Monitoring:	99	54.4%
Deployment/container support:	31	17.03%
OSGi:	40	21.98%
Performance:	36	19.78%
Development tools (route editor GUI):	91	50%
Documented examples and tutorials:	85	46.7%
Books:	50	27.47%
Articles/blogs:	42	23.08%
Shorter release cycle:	12	6.59%
Please comment:	33	18%
Total Responded to this question:		182 97.85%
Total who skipped this question:		4 2.15%
Total:		186 100%



22. In which of the following areas do you see room for improvement in Camel?

Response	Comments
1	Javadocs + better documenting of static imports (e.g. .split(method()))
2	examples and tutorials are good, but more is always better
3	Books and articles much better than most. Claus excellent support on forums
4	more support for batch processing

5 Cloud computing support (GAE and EC2)

6 Most important: architectural improvements. Endpoint behavior difficult to control (e.g. File consumer processStrategy: how to implement one but get it initialized by the FileProcessStrategyFactory.

7 Wrap Spring transactional support so Spring is hidden

8 identity management

9 Less dependence on spring and maven

10 online documentation seems more like a reference and only useful when you get it. Claus, if you don't mind the hit in pay I would make the manning book available for free online

11 standardization of API (Mule, Spring Integration, Camel have very related API)

12 We have some performance problems concerning aggregator and its strategy because of multiple marshaling and unmarshaling.

13 core API

14 Web app route editor

15 Route Editor GUI would be awesome !!!

16 better integration with CXF alternatives : AXIS2, Spring WS (or if: information how to)

17 OSGI test kit as Claus suggested

18 All methods exposed should check inputs. I should never be able to trigger an internal camel exception (happens all the time). Camel is not a stable/reliable piece of software. I don't trust it

19 ability to reload routes from a persisted location dynamically without full container restart

20 Overall I think it is great.

21 great things can always get even better

22 in flatfile no good multi line type component like flatworm

23 documentation (especially wiki pages) should declare versions

24 the documentation seems plentiful, but on closer inspection often lacks important details; also, the organization/flow is rather poor

25 Integration testing with OSGi environment. Testing with Pax Exam is still hard to do.

26 Also in the books there are some example using only JAVA dsl, there has to support for the Spring DSL example. It's tough to find the example for Spring.

27 Documentation is pretty good, but would like to see more about best practices, especially around jbi

28 We have addressed lack of security components but cant publish back to public community, only .mil :-(

29 "best practice" examples.

30 route editor gui for intellij

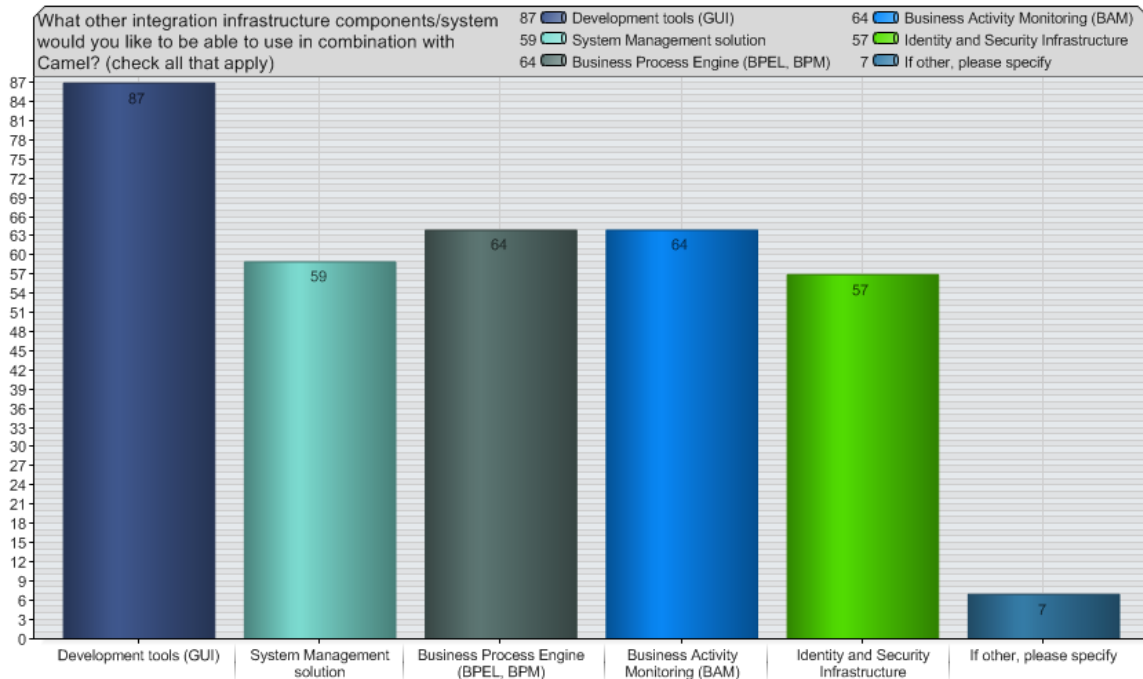
31 More support for AMQP (less simple client/server libraries using ActiveMQ than rabbitMQ, or make much more sample/client libraries to catch rabbitMQ penetration). Example how from camel to Node.js ?

32 Error reporting

33 I still have no idea if I am using Camel efficiently in my application as there are no sample "applications" or best practices. e.g. Should I split my business logic into a series of beans?

23. What other integration infrastructure components/system would you like to be able to use in combination with Camel? (check all that apply)

	Responses	Percent
Development tools (GUI):	87	56.13%
System Management solution:	59	38.06%
Business Process Engine (BPEL, BPM):	64	41.29%
Business Activity Monitoring (BAM):	64	41.29%
Identity and Security Infrastructure:	57	36.77%
If other, please specify:	7	4%
Total Responded to this question:		155 83.33%
Total who skipped this question:		31 16.67%
Total:		186 100%

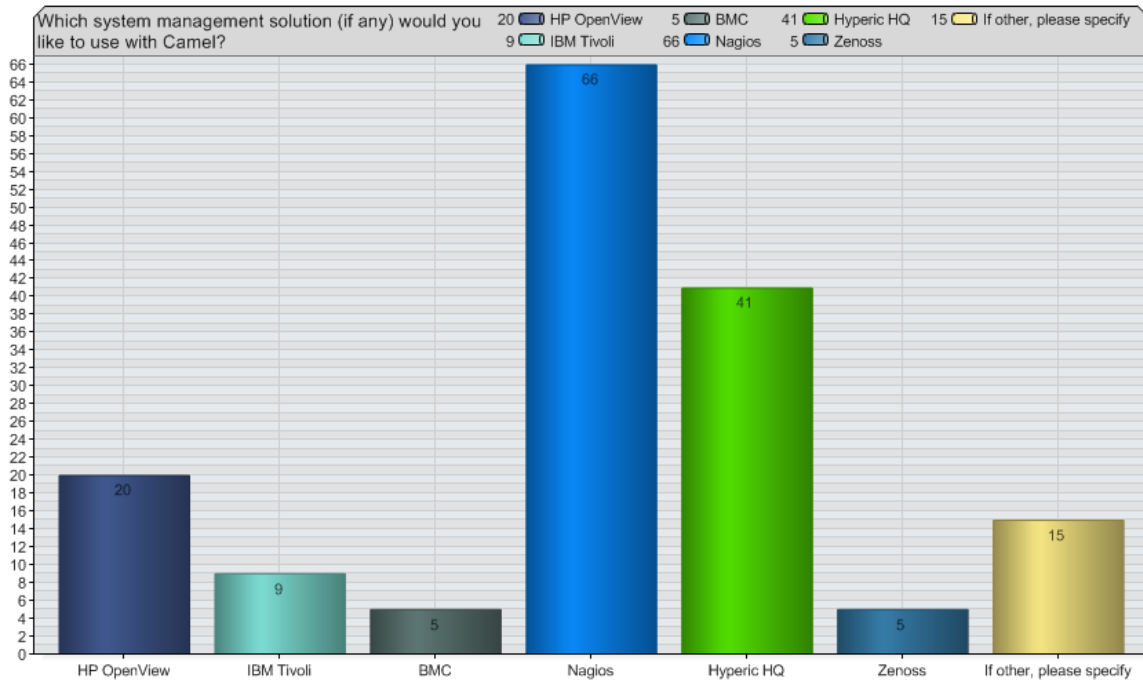


23. What other integration infrastructure components/system would you like to be able to use in combination with Camel? (check all that apply)

Response	Comments
1	munin, nagios and puppet
2	rules engines
3	JBoss jBPM, not interested in Apache ODE. Mule might be better here
4	We have built or are building these currently
5	UEC
6	Redis integration and more simple usage for QM other than activeMQ (i.e ruby solid gem, EventMachine integration, node.js integration)
7	I'm hoping the Shiro component will give us the identity/security infrastructure we're looking for

24. Which system management solution (if any) would you like to use with Camel?


	Responses	Percent
HP OpenView:	20	17.54%
IBM Tivoli:	9	7.89%
BMC:	5	4.39%
Nagios:	66	57.89%
Hyperic HQ:	41	35.96%
Zenoss:	5	4.39%
If other, please specify:	15	13%
Total Responded to this question:		114 61.29%
Total who skipped this question:		72 38.71%
Total:		186 100%



24. Which system management solution (if any) would you like to use with Camel?

Response	Comments
1	opennms
2	JOPR
3	Opennms
4	Nimsoft
5	Something free which is as good as Hyperic
6	Ca Unicenter
7	OW2 JASMINe
8	rhq
9	Dont have much idea about it.
10	no
11	Any system that conforms 100% to WSDM spec.
12	RHQ
13	Zabbix
14	This is actually the product we're building, so we'll self-monitor.
15	Foglight (Quest Software)

25. Please leave a comment or suggestion for the Apache Camel project members that will help them continue to evolve and improve Camel for your needs.

	Responses	Percent
Responses: 	65	100%
Total Responded to this question:	65	34.95%
Total who skipped this question:	121	65.05%
Total:	186	100%

Graph/Chart function not relevant for this question type.

25. Please leave a comment or suggestion for the Apache Camel project members that will help them continue to evolve and improve Camel for your needs.

Response	Response Text
1	You guys rock!
2	Camel is a great tool. It still lacks documentation but it's getting better. It's quite a paradigm shift for a "classic developer" but it's high level nature makes it very adapted to business logic and integration patterns implementation without the need to focus on the low level technical plumbrery. Hope to see you in Paris next week (if the train & tube strikes don't force me to stay at home)
3	I love the project, and will keep on supporting it as much as possible.
4	Keep up the good work. Documentation is the only problem.
5	- The Java/Spring DSL should be extensible (i.e. Camel applications should be able to define additional DSL elements.) - Better (more idiomatic) Scala support.
6	Keep up the good work!! Some code examples of dynamic routing combined with predefined routes in XML would be cool.
7	Not using Camel with Scala yet, but very interested in in this. Clojure too.
8	Big thanks to Camel project members. Best OS project I ever used. Create documentation, create code, very developer friendly :)
9	We don't use Spring and are happy to have it used within a component (as with Struts2 for example). However, transactional support requires explicit use of Spring rather than exclusively Camel.
10	Success stories and references aimed at management that shows why open source is enterprise ready.
11	non-maven downloads should include all the required libraries so we don't have to hunt for whatever has changed in the new release.
12	you rock guys!!
13	1 . improve marketing to portray Camel as Integration framework rather than mini ESB. Perhaps it should move away from ActiveMQ branch. 2. Camel integrates very well for open source components. But there aren't many components with Vendors i.e TIBRV, CameronFIX, Appia. I believe it will give an advantage if Camel community can get Vendors to participate in creating components. More vendor relationship will make Camel must have product in every application.
14	A decent free gui tool to view or create routes would be nice. A separate language could be useful as well.
15	I would love to see good amount of documentation with proper samples. The number of tutorials must be increased. The light weight property of the product is very much appreciated. Camel in tune with full support of BPEL would be the best thing I can ever demand.
16	First of all - terrific product! Keep adding new components and improve the existing. Try to increase the quality by adding more and better unit/integration tests to make sure that things do not break as easily. Today, it's a bit challenging to upgrade to a new version since we have to verify that the components we use still work the way we expect.
17	A maven plugin for generating camel route tests. Support for integrating Ecore models and additionally model transformations like QVT or ATLAS.
18	Keep up the good work on Camel. Most important thing now is to work to ensure camel stays clean and consistent in its design, and remains simple to use.
19	Camel rocks! Keep going!
20	Camel is an awesome project. thanks for the outstanding work
21	Camel is absolutely the best integration framework for coordination of loosely coupled components. I appreciate all the hard work that has made Camel what it is - great work!
22	This is a great project. Thank you and keep up the great work.
23	We use Camel mainly for batch aspects. The strong CXF integration may be good, but not always possible to position in an enterprise.
24	+ Documentations, samples or source code are really great and well written. - ErrorHandler, Try/Catch are hard to understand, - Compartment of "Message In" "Message Out", and MEP InOut and InOnly
25	Thanks guys. Camel rocks!
26	Good work - keep it up
27	All the components should evolve to become thread-safe now that they manage threadpool
28	Conceptually good product but some feedback: -quartz gives us troubles -we now run most things on a timer and query the db to see if it's "time to run" as the quartz has deploy issues - issues deploying bundles. potentially due to the asynchronous load of bundles in smx or maybe a lack of "proper" shutdown, we experience exceptions when we deploy bundles or bounce server. -need better way to deploy-features are an option but not always avail. hard to "upgrade" to latest camel or spring for e.g.
29	Write more unit tests. Buy covurity. Use findbugs. Try a fuzzer. Add internal assertions. Write less sucky code.
30	great product, keep it lean and simple! best integration framework i've ever used. maybe a simpler way for people to contribute

components and code snippets? to me, CPAN is what makes perl so amazing....

31 I think that Camel is great in its current form and don't really think that it needs improvement - keep up the great work!

32 please provide better and detail documentation for components,

33 visualization, management, dynamic configuration, governance and enterprise wide registry support is always a dealbreaker when decision makers have their say. What can't be "seen" can't exist...

34 Until now everything was cool and sufficient for us. Great job guys!

35 The main problem is the lack of better management and monitoring tools.

36 Really need to integrate with JBoss jBPM which is going for BPMN standard. This is vital.

37 It would be great if CAMEL could be less Spring and more OSGi/iPOJO in order to improve performance and reduce problems due to Spring dependency resolution issues (most notably, all kinds of issues that happen when multiple Spring versions are present on the platform)

38 There appears to be a heavy bias towards Spring Framework. It's great that Camel supports Spring, for those who like/need it, but it should not be a requirement to *use* or *understand* Spring in order to *use* or *understand* Camel. - Please do not introduce dependencies on the Spring libraries. - Please provide Spring-agnostic documentation (or Java-based documentation) so that users don't have to parse/understand Spring/xml-based configuration examples.

39 Testing Camel with OSGi has been a difficult thing to do. I use FUSE karaf 4.3

40 This is a very good project and everyone on it is very helpful and professional. Thank you!

41 Loving Camel especially the community. Claus and Hadrian provide excellent help

42 We are using Camel as an abstract data routing framework where the routes are not known at startup. Mostly everything (examples, documentation, etc) is based on pre-configured routes...this is probably the biggest use case for Camel so it is understandable. Just wanted to give you more insight into how we use Camel.

43 I believe there are lots of people those are expert in few area please give them chance to support camel. It's great product which can help the community.

44 Of particular interest to us is the instrumentation of route and endpoint performance. In combination with activemq, graphical representations of queue size, route process counts, memory, etc. are critical. (And thanks for all the awesome work!)

45 Not a constructive comment, but keep up the great work, it's a fantastic project.

46 ...

47 Keep up the great work! Thanks!

48 GREAT work by Claus and all of the Camel Riders !

49 You do the greates job. Keep going!

50 Stop the API changes on minor releases!

51 thanks

52 I love Camel. I really think it is the ruby on rails of integration...

53 At first look the documentation is fine (the Camel in Action too), but there should be more real life example. Sometimes given the number of parameters in various component, it is hard to figuring out what need to be done on some problems we got after the first code written. Or perhaps have a Use case section in the wiki, that outline some commons branching (or bundling) of routes to achieve a common goal. It also took me to much time to figuring out the Bean invocation pattern (stupid me?)

54 free, open source

55 Camel is a great framework and I will keep using it as much as possible. I'm sure I will currently use it much more if a better and larger documentation was provided. I do know it is a community project but it is a fact, because of the lack of examples we are missing some points and use other solution while I'm sure Camel would be good for it...

56 Explain scenarios as to how Camel can be used within web applications built using Spring, etc.

57 Please try to keep minor upgrades backward compatible, because developers get really nervous when seeing compile errors when upgrading.

58 Concentrate on core stability and quality instead of hundreds of immature components. Camel is a fantastic piece of software.

59 Love the momentum you all have, and congrats on the Fusesource change!

60 Great product. Would be great if more advice given on how to really integrate Camel into a large scale application. e.g. Tips to make things more efficient (such as claimCheck patterns). Best practice tips to keep things organised (e.g. Have multiple routers or just a few). Whether to make extensive use of routing from bean to bean (since this is very inefficient and serializes your objects over the wire).

61 IDE , IDE IDE !!!

62 Great work, one option I can think of is that it would be great to generate some visual doumentation from the java dsl (or xml) based on eip pattern graphics, graphical editor is of less importance for me. When combined with monitoring data it would be awsome.

63 thanx a lot ...

64 just thank you for that awsome frameworks!

65 easy way to manipulate / manage endpoints new endpoint discovery RBAC in route / CBR or Security Role Based Route (RBR) FID was good, but canceled now - I need Eclipse plugin like that, but to be able generate Java code