Open Source Software Selection Report

Team LER: Amazon Alexa O&M Skill

Eric Schulze, Ryan Gosling, Larome Dickerson

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**1. NodeJS**

1. Are the open source license terms compatible with my business requirements?

Yes, the license gives full permission to use the software with no limitations free of charge.

2. What is the strength of the community?

The community is large and inclusive, which lets as many users contribute in any way they can.

3. How well is the product adopted by users?

It is well adopted by users.

4. Can I get a warranty or commercial support if I need it?

There is no warranty or commercial support for NodeJS

5. What quality assurance processes exist?

Quality assurance is performed by the community, Bugs are reported by users and fixed by the technical steering committee.

6. How good is the documentation?

The documentation is extensive and thorough.

7. How easily can the system be customized to my exact requirements?

It can be easily customized to meet our requirements

8. How is this project governed and how easily can I influence the road map?

NodeJS is governed by the technical steering committee. Contribution is encouraged which would let us influence the road map.

9. Will the product scale to my enterprise's requirements?

NodeJS is used by many large enterprises, so it will scale to our needs.

10. Are there regular security patches?

Security patches are released when found by the community. Since the Nodejs community is active security patches are done frequently.

2. Amazon Lambda Services

1. Are the open source license terms compatible with my business requirements?

The terms of the license are compatible with my business requirements.

2. What is the strength of the community?

The AWS lambda community is strong. AWS lambda is used by companies of all sizes.

3. How well is the product adopted by users?

The product is adopted well by users, it allows users to use amazons servers instead of setting up their own.

4. Can I get a warranty or commercial support if I need it?

There is no warranty, but commercial support is available.

5. What quality assurance processes exist?

AWS is a growing business unit within amazon.com, so AWS is tested by amazon for quality assurance.

6. How good is the documentation?

The documentation contains everything you would need to use the product. It is thorough, and descriptive.

7. How easily can the system be customized to my exact requirements?

The system will be able to fit our exact requirements.

8. How is this project governed and how easily can I influence the road map?

The project is governed by amazon and is proprietary. It would not be easy to influence the direction of the project.

9. Will the product scale to my enterprise's requirements?

AWS Lambda will scale to my enterprise requirements.

10. Are there regular security patches?

Security patches are released on a regular basis.

3. Amazon DynamoDB

1. Are the open source license terms compatible with my business requirements?

The terms of the license are compatible with my business requirements.

2. What is the strength of the community?

The community is strong. This database is used by a variety of companies, from start-ups to juggernauts.

3. How well is the product adopted by users?

This product is well adopted by users. It remains one of the top NoSql databases.

4. Can I get a warranty or commercial support if I need it?

No warranty, but the AWS customer support covers this as well.

5. What quality assurance processes exist?

AWS is a growing business unit within amazon.com, so DynamoDB is tested by amazon for quality assurance.

6. How good is the documentation?

The documentation contains everything you would need to use the product. It is thorough, and descriptive.

7. How easily can the system be customized to my exact requirements?

The system will be able to fit our exact requirements.

8. How is this project governed and how easily can I influence the road map?

The project is governed by amazon and is proprietary. It would not be easy to influence the direction of the project.

9. Will the product scale to my enterprise's requirements?

DynamoDB will scale to my enterprise requirements.

10. Are there regular security patches?

Security patches are released on a regular basis.

4. Amazon Alexa Skills Kit

1. Are the open source license terms compatible with my business requirements?

The terms of the license are compatible with my business requirements.

2. What is the strength of the community?

The community is relatively strong, and is growing.

3. How well is the product adopted by users?

This product is well adopted by users. The new technology is relatively easy to use.

4. Can I get a warranty or commercial support if I need it?

No warranty, but the AWS customer support covers this as well.

5. What quality assurance processes exist?

AWS is a growing business unit within amazon.com, so Alexa is tested by amazon for quality assurance.

6. How good is the documentation?

The documentation contains everything you would need to use the product. It is thorough, and descriptive.

7. How easily can the system be customized to my exact requirements?

The system will be able to fit our exact requirements.

8. How is this project governed and how easily can I influence the road map?

The project is governed by amazon and is proprietary. It would not be easy to influence the direction of the project.

9. Will the product scale to my enterprise's requirements?

Alexa Skills will scale to my enterprise requirements.

10. Are there regular security patches?

Security patches are released on a regular basis.