

# InfraGenie survey

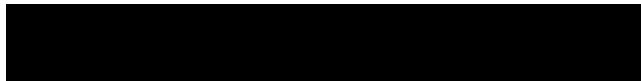
Thank you for agreeing to answer this survey. All answers are anonymous and will be used to help us evolve and make the tool better. The results will be published only in aggregate form.

If you have questions, feel free to contact: [infrastructuregenie@gmail.com](mailto:infrastructuregenie@gmail.com).

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## \*Obrigatório

Please see this short demo of how InfraGenie works.



TURN INFRASTRUCTURE CODE  
INTO  
ARCHITECTURE DIAGRAMS



[kkLiAw](http://youtube.com/watch?v=XF5n-kkLiAw)

[http://youtube.com/watch?v=XF5n-](http://youtube.com/watch?v=XF5n-kkLiAw)

### Profile

The questions in this section provide us context that may help us better understand your answers in general. No personally identifiable information is collected.

## 1. Educational attainment \*

*Marcar apenas uma oval.*

- ☐ Primary/elementary school
- ☐ Secondary school (e.g. American high school, German Realschule or Gymnasium, etc.)
- ☐ Some college/university study without earning a degree
- ☐ Bachelor's degree (B.A., B.S., B.Eng., etc.)
- ☐ Master's degree (M.A., M.S., M.Eng., MBA, etc.)
- ☐ Doctoral degree (Ph.D., Ed.D., etc.)
- ☐ Something else

2. Area of study (e.g. Computer Science, Civil engineering)

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3. Professional Experience in Software development \*

*Marcar apenas uma oval.*

☐ Less than 1 year

☐ 1 to 4 years

☐ 5 to 9 years

☐ 10 to 14 years

☐ 15 or more

4. Current role \*

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5. Country \*

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6. Rate your level of agreement with the following statements. \*

Marcar apenas uma oval por linha.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
I have experience with tools that allow the creation of diagrams from plain text or code (e.g. PlantUML, Mermaid.JS, others).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am familiar with the Unified Modeling Language (UML).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am familiar with UML component diagrams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am familiar with UML deployment diagrams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Infragenie ease of use	Rate your level of agreement with the following statements.
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## 7. I think that with Infragenie, it is easy to... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
<b>create architectural diagrams.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>keep architectural diagrams updated.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>keep architectural diagrams consistent with the source-code.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>add new information (not inferred from the source-code) to the diagrams.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>change the generated architectural diagrams.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>verify how changes may impact the architecture (e.g. adding new services, changing network ports, etc.).</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Infragenie  
usefulnessRate your level of agreement with the following  
statements.

8. I think that Infragenie is useful to help ensure that architectural documentation is... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
<b>complete.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>consistent.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>precise.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>easier to consult.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>easier to understand.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>easier to maintain.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>easier to update.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. I think that Infragenie is useful to help to... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
<b>plan future changes on the architecture.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>understand the impact of changes in the architecture.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>be more confident while introducing architectural changes.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>implement architectural changes faster.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 10. I think that the diagram provided by Infragenie shows \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
<b>a complete view of the architecture.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>the most relevant elements of the architecture.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 11. If you think that something is not being represented by infragenie, could you please let us know what it is?

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## 12. The edit capabilities of Infragenie allow to... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
<b>increase the diagram value.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>make the diagram more consistent.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>representing details that were not automatically captured.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. About the edit capabilities of Infragenie, are they useful to increase the diagram value or even to test out changes in the architecture? Let us know what do you think about this feature and how we can improve it.

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#### Intention to use infragenie

14. Did the documentation of your projects include an architectural diagram(s) before using infragenie? \*

*Marcar apenas uma oval.*

- ☐ Yes
- ☐ No
- ☐ I am not sure.

15. If yes, how do you compare it with the one generated by Infragenie?

*Marcar apenas uma oval.*

- ☐ Much worst
- ☐ Worst
- ☐ Neutral
- ☐ Better
- ☐ Much better

16. Why?

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Rate your level of agreement with the following statements.

## 17. I am considering to ... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
<b>add diagrams generated by Infragenie to my projects.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>use infragenie to visualize and plan changes in the architecture.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>use infragenie in new projects.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Improvements and Comments

Rate your level of agreement with the following statements.

## 18. Infragenie would be better if ... \*

*Marcar apenas uma oval por linha.*

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
<b>more UML elements were available to use.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>it wasn't restricted to UML elements.</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>it automatically detected architectural changes (keeping the diagram always updated without manual intervention).</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



19. Leave us your comments. What did you think of the application, what improvements would you suggest and what new features would you like to have?

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