## Survey on software architecture diagrams automatically generated from terraform files

This survey is part of a study by the Faculty of Engineering of the University of Porto (Portugal) on a novel tool that generates software architecture from terraform files.

Your answers are anonymous. This study has no commercial goal, and the conclusions will be made public, ensuring accessibility for all interested. At the end of the questionnaire, you can choose to receive the results first-hand.

If you have questions, feel free to contact: infrastructuregenie@gmail.com.

**Estimated Time to Complete:** 5 minutes

* Indica uma pergunta obrigatória		
inuica uma pergunta obrigatoria		

## **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.)
	Outra:

Area of study (e.g. Computer Science, Civil engineering)
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
Current role
Country *

Rate your level of agreement with the following statements. \* 6. Marcar apenas uma oval por linha. Strongly Strongly Disagree Neutral Agree disagree agree I have experience with tools that allow the creation of diagrams from terraform code (e.g. terraform graph, pluralith, rover, inframap, others). I am familiar with the Unified **Modeling** Language (UML). I am familiar with UML deployment diagrams. I am familiar with Terraform.

I am familiar with the Terraform code in this repository

hink that th	e submitted	d architectu	ıre diagra	m is *		
arcar apenas	s uma oval po	or linha.				
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
complete.						
precise.						
easy to understand.						
easy to read.						

Compare architecture diagram extracted from terraform code with existing diagrams

9.	Before receiving our diagram, did the documentation of your projects include any other architectural diagram(s)?					
	Marcar apenas uma oval.					
	Yes Avançar para a pergunta 10					
	No Avançar para a pergunta 12					
	I am not sure Avançar para a pergunta 12					

Avançar para a pergunta 12

Taking the existing architectural diagram(s) as reference, please answer the following questions

	Strongly Disagree	Disagree	Neutral	Agree	Strong Agre
is more precise than the existing diagrams					
is more complete than the existing diagrams					
is easier to understand than the existing diagrams					
is easier to read than the existing diagrams					
Why?					

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

10.

12.	Rate your level of agreement with the following statement.	*					
	I am considering to include the generated architecture diagram to my project.						
	Marcar apenas uma oval.						
	Strongly disagree						
	Disagree						
	Neutral						
	Agree						
	Strongly agree						
lm	provements and Comments						
13. Leave us your comments. What did you think of the submitted architectu diagram, how did you perceive its usefulness, and what improvements w you suggest?							
14.	If you desire to receive the results of the survey, please provide your email address.						

Google Forms