

Help CADOCS to train!

Hello there!

We're a team of students from the Computer Science excellence Department at the University of Salerno.

We kindly ask you to help us with our project for the Software Engineering for Artificial Intelligence course.

Our goal is to train a Conversational Agent able to understand humans' language and satisfy their requests in a pool of few possible operations. So we need the AI to learn how real people would ask some questions in order to provide the correct answers.

What you have to do is to write some examples of how you'd formulate some sentences if you had to ask a real human being the specific question we're going to explain below. Feel free to re-answer this survey as many times as you can in different ways, so we can gather more data!

This survey does not require your data and is anonymous.

P.S. This survey contains a code for SurveySwap and SurveyCircle

***Campo obbligatorio**

If you want to understand more...

Here is more specific information about our project.

CADOCS - Conversational Agent for the Detection Of Community Smells - is a Conversational Agent which is going to be able to help project managers in the software engineering community automatically detect community smells on a given project on GitHub.

What's a community smell?

Team working is never easy. Several problems can arise during the development of a software project. That's why it can be crucial for a project manager to detect community smells. A community smell is a sub-optimal condition appearing within software development communities (e.g., non-communicating sub-teams, deviant contributors, etc.) that may lead to the emergence of social debt and increase the overall project's cost.

How can this be done?

We will use an already existing tool called csDetector (find more about it here:

<https://github.com/Nuri22/csDetector>) which can detect community smells on a given GitHub repository URL.

What we want to do with the tool is to let the community execute it using natural language. So the Conversational Agent will have to learn to understand human language and recognize the type of request the user is asking.

So what's this survey for?

The answers given to this survey will be the base on which the AI model is going to train. By reading your sentences, CADOCS will learn your language and will become fully functional for its purpose. So that's why it's very useful for us to repeat the survey with differently formulated answers!

Thank you for your attention! :)

1. First of all, how old are you? This info is for statistical purposes only. *

2. How would you ask CADOCS to detect community smells on a given GitHub repository? Your answer must contain the word "LINK" in upper case, where you would have written the repository's URL. Example: "Hey CADOCS, can you tell which community smells are present in the repository LINK please?" or "hi, what are the community smells in the LINK project??" *

3. How would you ask CADOCS to detect community smells on a given GitHub repository starting from a specified date? Your answer must contain the word "LINK" in upper case where you would have written the repository's URL. Also, one date in MM/DD/YYYY format must be specified. Example: "Hey CADOCS, can you tell which community smells are present in the repository LINK after 03/23/2019?" or "hi, what are the community smells in the LINK project starting from 12/19/2021??" *

4. How would you ask CADOCS to show you a report of last execution the tool has done? Example: "I need a report of your last execution please" or "hello, show me information about your last execution." *

5. How would you ask CADOCS to give you some information about community smells it can detect? Example: "What kind of community smells can you detect?" or "hey CADOCS i wanna know more about community smells..." *

6. [OPTIONAL] If you are interested in the topic covered in this survey and you want to stay updated on future developments, leave your email here to receive news from us!

Thank you for your time!

Feel free to repeat this survey if you have more ways to formulate your questions!

For SurveyCircle users (www.surveycircle.com): The Survey Code is: G6S3-XWGN-HL41-RKX1

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