# A Survey on EZskiROS: An internal DSL in Python to write skill description

Thanks for participating in the assessment of EZskiROS.

EZskiROS aims at providing early dynamic checks on the ontology types and checking whether parameters in the conditions are defined correctly to empower robotics developers using SkiROS.

We kindly ask you to fill in a short survey about your experience in order
 for us to validate our design decisions towards better skill-based robotics development.

* Required

Your Experience with SkiROS SkillDescriptions

1.  How often do you work on SkillDescriptions? *

    _____

2.  When programming a SkillDescription, how often do you run into bugs? *

    *Mark only one oval.*

    |      | 1 | 2 | 3 | 4 | 5 |        |
    |------|---|---|---|---|---|--------|
    | Never | ◯ | ◯ | ◯ | ◯ | ◯ | Always |

3.    When programming with SkiROS, how often do you run into broken                    *
       SkillDescriptions?

       *Mark only one oval.*

                          1       2       3       4       5

       Nev ◯     ◯     ◯     ◯     ◯     Always

4.    Would EZskiROS have helped you?
       Why or Why not?

       _____

       _____

       _____

       _____

       _____

       Your Perception about Changes in Coding with EZskiROS.

5.    Were you familiar with the Python features that EZskiROS uses? (e.g., type
       annotations in Python)

       *Mark only one oval.*

                          1       2       3       4       5

       Stro ◯     ◯     ◯     ◯     ◯     Strongly Agree

6. Do you feel that it is easier to **read** skill descriptions with  EZskiROS? *

*Mark only one oval.*

|   | 1 | 2 | 3 | 4 | 5 |   |
|---|---|---|---|---|---|---|
| Stro | ◯ | ◯ | ◯ | ◯ | ◯ | Strongly Agree |

7. Do you feel that it is easier to **modify** skill descriptions with  EZskiROS? *

*Mark only one oval.*

|   | 1 | 2 | 3 | 4 | 5 |   |
|---|---|---|---|---|---|---|
| Stro | ◯ | ◯ | ◯ | ◯ | ◯ | Strongly Agree |

8. Do you feel that it is easier to **write new** skill descriptions with  EZskiROS? *

*Mark only one oval.*

|   | 1 | 2 | 3 | 4 | 5 |   |
|---|---|---|---|---|---|---|
| Stro | ◯ | ◯ | ◯ | ◯ | ◯ | Strongly Agree |

9. Any further comments about coding with EZskiROS?

_____

_____

_____

_____

_____

Your Vision about Adoption EZskiROS in your Work.

10. Do you see particular benefits or concerns about adopting EZskiROS in your work?

11. Do you see particular benefits or concerns about beginners (e.g., new employees or M.Sc. students doing project work) adopting EZskiROS

Your Suggestions for Improving of EZskiROS.

12. What, if anything would you like to change?

13.   What checks, if any, would you like to add?

14.   What other parts of SkiROS, if any, do you believe would benefit from similar checking?

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