

# Appendix: Mapping Control and Self-Adaptive System Properties Using Property Specification Patterns

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## 1 Appendix Contents

In this appendix we provide a brief description on the content of our online repository that contains the data used in our paper<sup>1</sup>.

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├── Literature_Review_Protocol.pdf
├── Literature_review_data.xlsx
├── External_Validation.pdf
└── Internal_Validation.xlsx
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The followings describe the content of our repository:

- The protocol used in our literature review detailing our research process and describing the extracted data from literature ( Literature\_Review\_Protocol.pdf ).
- A list of SEAMS publications between 2016-2020, which was used for the literature review ( Literature\_review\_data.xlsx -> sheet "List of SEAMS publications" ).
- The extracted data from our literature review ( Literature\_review\_data.xlsx -> sheet "Included papers extracted data" ).
- The full list of matching the specification patterns into the extracted SE properties in SAS ( Literature\_review\_data.xlsx -> sheet "SE to specification patterns" ). This information can also be found under "Category (According to ps paterns)" column in "Included papers extracted data" sheet.
- The validation document that was sent to external researchers to validate our mapping and findings ( External\_Validation.pdf ).
- The validation results of the categorization of SE properties into specification patterns that was conducted by three independent authors ( Internal\_Validation.xlsx ).

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<sup>1</sup><https://arxiv.org/xxxx>