

Survey on Best Practices for Artifact Development and Sharing in Model Driven Engineering Research

This survey is part of a scientific study conducted by Carlos Diego Nascimento Damasceno <d.damasceno@cs.ru.nl> and Daniel Strüber at Radboud University, The Netherlands.

The goal of this study is to evaluate a set of practices for artifact development and sharing in Model-Driven Engineering (MDE) research. The information collected will be used to identify useful practices for artifact development and sharing from the perspective of the MDE community and to improve the quality of artifacts from MDE research projects.

The target group of this study are practitioners and researchers with experience in MDE. By participating, you have the opportunity to reflect about your own practices related to artifact sharing. Your participation in the experiment is entirely voluntary. We will store and work with the results in an anonymized manner, using external data sources.

***Required**

Procedures

This survey should take about 15 minutes to be completed and will involve the following steps:

- 1) We will ask your experiences on artifact development and sharing in MDE research. (Page 2)
- 2) We will ask your opinion about the relevance a set of practices for artifact sharing. (Pages 4-10)
- 3) We will ask you to evaluate the clarity, completeness, and relevance of our set of practices. (Page 11)

Use of Data

At the end of the survey, we will ask to optionally specify your e-mail address, which would allow us to inform you about the results of the study in case you're interested in them.

We will remove your e-mail address and other identifiable information from your data before using it for analysis. We may use the anonymized data for our future research studies, and we may distribute the anonymized data to other researchers for further studies. We will do this without getting additional informed consent from you (or your legally authorized representative). Sharing of data with other researchers will only be done in such a manner that you will not be identified.

If you want to start the survey, please click next!

You may discontinue participation at any time.

Personal Experiences on Sharing Artifacts in MDE Research Projects

1. Gender *

Mark only one oval.☐ Female☐ Male☐ Other: _____

2. Which of these options is most suitable to describe your current primary role? *

Mark only one oval.☐ Academic researcher (pre-PhD level)☐ Academic researcher (post-doc level)☐ Academic researcher (professor level)☐ Industrial Researcher☐ Industrial Practitioner☐ Other: _____

3. How would you rate your experience in artifact development and sharing in MDE research projects? *

Mark only one oval.

	1	2	3	4	5	
Not experienced	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very experienced

4. How would you rate your experience in reusing artifacts from MDE research projects? *

Mark only one oval.

	1	2	3	4	5	
Not experienced	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very experienced

5. Have you ever submitted an artifact for evaluation to some conference, workshop, or journal? *

Mark only one oval.

☐ Yes

☐ No

6. Have you ever contacted other researchers for help on reusing their artifacts? *

Mark only one oval.

☐ Yes

☐ No

7. Have you ever been contacted by other researchers interested to reuse some artifact you shared? *

Mark only one oval.

☐ Yes

☐ No

8. Which challenges have you encountered during the sharing and use of artifacts in MDE research projects?

Challenges are issues that make the sharing and use of artifacts difficult. If you have encountered multiple challenges, please start a new line for each.

Identifying Useful Practices for Artifact Sharing in MDE Research Projects

Developing useful artifacts is challenging as researchers may have different expectations, depending on their role and experience. To understand this process, we will ask your opinion about a set of factual questions (i.e., what, why, where, who, when, how, how much/many) presented as guidelines for creating and sharing MDE research artifacts. Each factual question will include various research practices that should address their respective questions. Bellow, we show an example of the questions and practices that you will evaluate in this survey.

Overview of the Factual Questions and Practices

We consider the following factual questions:

- 1) What?
- 2) Why?
- 3) Where?
- 4) Who?
- 5) When?
- 6) How?
- 7) How much/many?

For each question, we have one or more sub-questions, such as, for "1) What":

- 1.1) What is it all about?
- 1.2) What does it have?
- 1.3) What concepts and technologies underpin the artifact?

Per sub-question, we have a set of practices, such as:

- The artifact shall indicate its name
- The artifact shall indicate the context of its development (e.g., domain, problem, project)
- The artifact shall indicate the main functionalities supported (e.g., language support, code generation, model analysis)

We will ask you to rate the relevance of each practice as "essential", "relevant", "unnecessary" or "no answer". In total, we have 7 factual questions, 19 sub-questions, and 85 practices. In our dry runs, completing the questionnaire took around 15 minutes.

Important

If you believe there is any important factual question missing, at the end of each section you will have the chance to share suggestions. At the end of the questionnaire we will also ask you to rate the completeness, relevance, and clarity of our factual questions and practices and leave additional remarks. This will help us to improve our guidelines.

1) What?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "What" factual questions:

- 1.1) What is it all about?
- 1.2) What does it have?
- 1.3) What concepts and technologies underpin the artifact?

At the end of this section, you will have the chance to recommend additional "What" factual questions you see as important for gathering basic information about a MDE research artifact.

9. 1.1) What is it all about? *

The artifact shall indicate...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
its name	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the context of its development (e.g., domain, problem, project)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
its main functionalities supported (e.g., modelling language, code generation, model analysis)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the relation with its associated paper	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. 1.2) What does it have? *

The artifact shall provide...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
a description of its directory structure and content	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
everything required for replications (i.e., complete)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
no more assets than necessary for replications (i.e., concise)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a preprint of its associated article	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. 1.3) What concepts and technologies underpin the artifact? *

The artifact shall indicate...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
the theories that underpin its creation (e.g., formalisms, semantics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the modeling languages used to develop it (e.g., UML, xtUML, SysML, BPMN)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the meta-modeling languages used to develop it (e.g., EMOF, CMOF, ECore/EMF, KM3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the standards and/or specifications used to develop it (e.g., ISO, CMI, XMI, CWM, HUTN, JMI, DD, OCL)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the programming/markup language used to develop it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the libraries, dependencies, and frameworks used to develop it and their respective versions (e.g., Eclipse release)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Which factual questions would you say are missing in the "What" perspective?

2)

Why?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "Why" factual questions:

2.1) Why it was created?

At the end of this section, you will have the chance to recommend additional "Why" factual questions you see as important for gathering basic information about a MDE research artifact.

13.

2.1) Why it was created? *

The artifact shall indicate...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
the motivation for its development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
its objective/goal (e.g., verify claims, replicability, reusability, a whole new library/framework)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
its advantages and/or novelty (e.g., algorithm, language, method)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14.

Which factual questions would you say are missing in the "Why" perspective?

3)

Where?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "Where" factual questions:

3.1) Where is it hosted?
3.2) Where shall I cite?
3.3) Where to find related work?

At the end of this section, you will have the chance to recommend additional "Where" factual questions you see as important for gathering basic information about a MDE research artifact.

15. 3.1) Where is it hosted? *

The artifact shall be hosted in a repository that...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
is open and public (e.g., GitHub, BitBucket, Zenodo, Figshare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
is indexed and findable by search engines (e.g., GitHub, BitBucket, Zenodo, Figshare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
archives data for long-term and permanent access (e.g., Zenodo, Figshare)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16. 3.2) Where shall I cite? *

The artifact shall provide...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
an explicit format for citation (e.g., in a CITATION file)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
its citation information in BibTeX format	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
an URL for citation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a DOI for citation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

17. 3.3) Where to find related work? *

The artifact shall give...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
credit to data obtained from other sources (e.g., cited authors, paper, repository)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
references about key concepts (e.g., papers, surveys, wiki, reports)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
references to studies using it (e.g., known uses, integrated with)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
references to related artifacts/projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
references using in-code citation (e.g., code header)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

18. Which factual questions would you say are missing in the "Where" perspective?

4)
Who?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "Who" factual questions:

- 4.1) Who could use it?
- 4.2) Who are the authors?
- 4.3) Who funded this project?

At the end of this section, you will have the chance to recommend additional "Who" factual questions you see as important for gathering basic information about a MDE research artifact.

19. 4.1) Who could use it? *

The artifact shall...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
be deposited under an explicit open license (e.g., reported in a LICENSE file)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
have files made available using open/non-proprietary formats (e.g., JSON, open XML schema)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
indicate a list of potential users (e.g., professionals, researchers, industry sectors)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
be developed using open, well-maintained, and documented libraries or dependencies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

20. 4.2) Who are the authors? *

The artifact shall provide...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
a communication channel for interacting with the community (e.g., forum, mailing list, issue tracker, IRC, Slack, Discord)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the names of its authors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the institution of its authors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the contact details of its authors (e.g., email address, ResearchGate, Linkedin, website)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the ORCID of its authors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the level of experience of its authors (e.g., bio, degree, position)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

21. 4.3) Who funded this project? *

The artifact shall indicate...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
the funding agencies that supported the project (e.g., ERC, NWO, CNPq, DFG, EPSRC, NSF)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22. Which factual questions would you say are missing in the "Who" perspective?

5) When?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "When" factual questions:

- 5.1) When did changes happen?
5.2) When do future changes shall happen?

At the end of this section, you will have the chance to recommend additional "When" factual questions you see as important for gathering basic information about a MDE research artifact.

23. 5.1) When did changes happen? *

Changes to the artifact shall be...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
tracked using version control (e.g., GitHub, GitLab, BitBucket)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
small (e.g., concise, cohesive edits)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
explained (e.g., via CHANGELOG or commit messages)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
labelled using tags and/or release identifiers to allow referencing and retrieval of specific versions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

24. 5.2) When do future changes shall happen? *

The artifact shall provide...

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
a timeline for future goals and planned updates (e.g., frequency, next steps, future work plans)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
means for receiving change requests and feedback from users (e.g., bug fixes, pull requests)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. Which factual questions would you say are missing in the "When" perspective?

6)
How?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "How" factual questions:

- 6.1) How is it organized?
- 6.2) How to set up a running environment?
- 6.3) How to get started?
- 6.4) How to replicate the experiment?
- 6.5) How to run the analysis of results?
- 6.6) How could it be repurposed?

At the end of this section, you will have the chance to recommend additional "How" factual questions you see as important for gathering basic information about a MDE research artifact.

26. 6.1) How is it organized? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
Tabular data files shall follow analysis-friendly formats (e.g., the column is variable, the row is observation, data dictionary, the meaning of column/row headers)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Files and folders shall have self-explaining names matching content, meaning, and human abstractions (e.g., doc/, src/, results/, src/, bin/)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall indicate best practices used (e.g., naming or code conventions, guidelines/checklists)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Useful metadata shall be used as part of filenames for pattern matching (e.g., yyyyymmdd), where meaningful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall be compliant with ICT accessibility standards (e.g., Section 508, WAI)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The experiment workflow shall be broken-down into small and simple procedures to facilitate reuse (e.g., scripts, functions)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include a website or wiki-page	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. 6.2) How to set up a running environment? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall provide instructions for downloading	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide the open-source code	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide a binary/compiled version	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide a container for freezing dependencies and quickly setting up a running environment (e.g., VM, Docker)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide a step-by-step tutorial of how to build the source code	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact compilation shall rely on build automation tools (e.g., make, ant)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact compilation shall rely on dependency management tools (e.g., maven, pip)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide instructions to install it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

28. 6.3) How to get started? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall include instructions for running it on minimal test data (e.g., quick run, smoke testing)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall indicate the most relevant and interesting parts of the source code/artifact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include step-by-step instructions for running it (e.g., README, PDF)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include a video tutorial with the step-by-step for running it (e.g., Youtube, Vimeo)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. 6.4) How to replicate the experiment? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall include the complete set of test models considered	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide instructions for manual/automated pre-processing of raw data for experiments (e.g., bash, python, R script)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide instructions for manual/automated replication of the complete (or at least a subset) experiment as in the paper (e.g., bash, python, R script)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The experiment workflow shall be fully automated (including raw data processing, experiment execution, figures plotting)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include the experiment results shown in its associated paper in tabular and machine-readable format (e.g., .csv, .tab)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include log files produced	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. 6.5) How to run the analysis of results? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall provide scripts for the automated analysis of results as in the paper (e.g., R scripts, python scripts, Jupyter notebooks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall include scripts for drawing figures and/or plots as in the paper (e.g., R scripts, python scripts, Jupyter notebooks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide a clear description of the measurement procedures and metrics used in the paper	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

31. 6.6) How could it be repurposed? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall indicate suggestions for contributions (e.g., notes.txt, todo.txt, ways it could be repurposed, wishlist)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact documentation shall be designed considering users with minimal expertise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide details about ethical concerns in replications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact source code shall be documented (e.g., in-code comments, Javadoc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall provide instructions for integration/chaining with commercial tools (e.g., Matlab, DOORS)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall report known issues, bugs, and limitations (e.g., issue tracker)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

32. Which factual questions would you say are missing in the "How" perspective?

7) How much/many?

In this section, we will ask your opinion about the relevance of different practices for artifact sharing. These practices should provide means to address factual questions about artifacts in MDE research. We consider the following "How much/many" factual questions:

7.1) How many resources does it need?

At the end of this section, you will have the chance to recommend additional "How much/many" factual questions you see as important for gathering basic information about a MDE research artifact.

33. 7.1) How many resources does it need? *

Mark only one oval per row.

	Essential	Desirable	Unnecessary	No answer
The artifact shall indicate the system and environment where it was successfully evaluated (e.g., OS, CPU, RAM, GPU, Disk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall indicate the minimum system and environment requirements for usage (e.g., OS, CPU, RAM, GPU, Disk)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall indicate the skills and/or settings required for usage (e.g., team configuration, users' skills)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The artifact shall indicate the approximate amount of time needed to replicate the experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. Which factual questions would you say are missing in the "How much/many" perspective?

Final evaluation

Please evaluate the clarity, completeness, and relevance of our set of guidelines (consisting of the factual questions and the practices in each question). As a refresher, we consider the following factual questions:

- 1) What?
 - 1.1) What is it all about?
 - 1.2) What does it have?
 - 1.3) What concepts and technologies underpin the artifact?
- 2) Why?
 - 2.1) Why it was created?
- 3) Where?
 - 3.1) Where is it hosted?
 - 3.2) Where shall I cite?
 - 3.3) Where to find related work?
- 4) Who?
 - 4.1) Who could use it?
 - 4.2) Who are the authors?
 - 4.3) Who funded this project?
- 5) When?
 - 5.1) When did changes happen?
 - 5.2) When do future changes shall happen?
- 6) How?
 - 6.1) How is it organized?
 - 6.2) How to set up a running environment?
 - 6.3) How to get started?
 - 6.4) How to replicate the experiment?
 - 6.5) How to run the analysis of results?
 - 6.6) How could it be repurposed?
- 7) How much/many?
 - 7.1) How many resources does it need?

35. How do you assess the clarity of these guidelines? *

Mark only one oval.

	1	2	3	4	5	6	7	
Very unclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very clear

36. How do you assess the completeness of these guidelines? *

Mark only one oval.

	1	2	3	4	5	6	7	
Very incomplete	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very complete

37. How do you assess the relevance of these guidelines? *

Mark only one oval.

	1	2	3	4	5	6	7	
Very irrelevant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very relevant

38. Additional remarks

If you have any additional remarks (for example, improvement suggestions), please leave them here.

39. Thank you very much for your time and effort for participating in this survey!
Please submit your response by using the button bellow. If you would like us to inform you about the results of this survey, you can leave your e-mail address here.

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