Plan Overview

A Data Management Plan created using DMPonline

Title: MSc Thesis: Itanium's forgotten history and its timeless lessons

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Template: TU Delft Data Management Plan template (2021)

ID: 152281

Start date: 21-11-2023

End date: 27-06-2024

Last modified: 05-06-2024

Copyright information:

MSc Thesis: Itanium's forgotten history and its timeless lessons

0. Administrative questions

1. Name of data management support staff consulted during the preparation of this plan.

My faculty data steward, Dr. Richard Grimes, has reviewed this DMP on 22/05.

2. Date of consultation with support staff.

2024-05-22

I. Data description and collection or re-use of existing data

3. Provide a general description of the type of data you will be working with, including any re-used data:

Type of data	File format(s)	How will data be collected (for re-used data: source and terms of use)?	Purpose of processing	Storage location	Who will have access to the data
Interview transcript	Word (transcript)	Automated transcriber (Microsoft)	For accurate recollection, with perhaps quotes for the conclusion validation using experts section in the thesis	TUDelft Onedrive	Me (Kamron Geijsen) and my supervisor (G. N. Gaydadjiev)
Interview recording data	mp3 (audio recording, temporary)	Recorded using Audacity	To relisten the interview and to make more accurate notes	TUDelft Onedrive	Me (Kamron Geijsen) and my supervisor (G. N. Gaydadjiev)
Signed informed consent forms	pdf	Sent to the participants before the interview	GDPR compliance	TUDelft Onedrive	Me (Kamron Geijsen) and my supervisor (G. N. Gaydadjiev)

4. How much data storage will you require during the project lifetime?

- < 250 GB

II. Documentation and data quality

5. What documentation will accompany data?

- Methodology of data collection
- README file or other documentation explaining how data is organised
- Data will be deposited in a data repository at the end of the project (see section V) and data discoverability and re-usability will be ensured by adhering to the repository's metadata standards

The transsscripts and audiorecordings will be deleted automatically after graduation, but quotes referring to this data will be used in the paper.

III. Storage and backup during research process

6. Where will the data (and code, if applicable) be stored and backed-up during the project lifetime?

- OneDrive

IV. Legal and ethical requirements, codes of conduct

7. Does your research involve human subjects or 3rd party datasets collected from human participants?

- Yes

It involves interviews with experts in the field. The interview is aimed at discussing and (in)validating the conclusions pulled from my own research, to ensure conclusion correctness.

8A. Will you work with personal data? (information about an identified or identifiable natural person)

If you are not sure which option to select, first ask your[Faculty Data Steward](#) for advice. You can also check with the [privacy website](#) . If you would like to contact the privacy team: privacy-tud@tudelft.nl, please bring your DMP.

- Yes

They will be asked how they experienced the system. While it is personal data, it is strictly professional experience and not private data.

8B. Will you work with any other types of confidential or classified data or code as listed below? (tick all that apply)

If you are not sure which option to select, ask your[Faculty Data Steward](#) for advice.

- No, I will not work with any confidential or classified data/code

To guarantee correct data and framing, there will be multiple check-ups of consent and feedback from the participants whether they agree with their data being publicized, and how it gets publicized.

9. How will ownership of the data and intellectual property rights to the data be managed?

For projects involving commercially-sensitive research or research involving third parties, seek advice of your[Faculty Contract Manager](#) when answering this question. If this is not the case, you can use the example below.

The datasets underlying the published papers will be publicly released following the TU Delft Research Data Framework Policy. During the active phase of research, the project leader from TU Delft will oversee the access rights to data (and other outputs), as well as any requests for access from external parties. They will be released publicly no later than at the time of publication of corresponding research papers.

10. Which personal data will you process? Tick all that apply

- Data collected in Informed Consent form (names and email addresses)
- Photographs, video materials, performance appraisals or student results
- Gender, date of birth and/or age
- Names and addresses

11. Please list the categories of data subjects

Professors or ex-professors at TU Delft recruited through professional networking through my supervisor.

12. Will you be sharing personal data with individuals/organisations outside of the EEA (European Economic Area)?

- No

15. What is the legal ground for personal data processing?

- Informed consent

16. Please describe the informed consent procedure you will follow:

I will let the participants sign a digital consent form

17. Where will you store the signed consent forms?

- Same storage solutions as explained in question 6

18. Does the processing of the personal data result in a high risk to the data subjects?

If the processing of the personal data results in a high risk to the data subjects, it is required to perform a **Data Protection Impact Assessment (DPIA).** In order to determine if there is a high risk for the data subjects, please check if any of the options below that are applicable to the processing of the personal data during your research (check all that apply).
If two or more of the options listed below apply, you will have to **complete the DPIA**. Please get in touch with the privacy team: privacy-tud@tudelft.nl to receive support with DPIA.
If only one of the options listed below applies, your project might need a DPIA. Please get in touch with the privacy team: privacy-tud@tudelft.nl to get advice as to whether DPIA is necessary.
If you have any additional comments, please add them in the box below.

- None of the above applies

22. What will happen with personal research data after the end of the research project?

- Personal research data will be destroyed after the end of the research project

V. Data sharing and long-term preservation

27. Apart from personal data mentioned in question 22, will any other data be publicly shared?

- All other non-personal data (and code) produced in the project

29. How will you share research data (and code), including the one mentioned in question 22?

- All anonymised or aggregated data, and/or all other non-personal data will be uploaded to 4TU.ResearchData with public access

30. How much of your data will be shared in a research data repository?

- < 100 GB

31. When will the data (or code) be shared?

- At the end of the research project

32. Under what licence will be the data/code released?

- MIT License

VI. Data management responsibilities and resources

33. Is TU Delft the lead institution for this project?

- Yes, the only institution involved

34. If you leave TU Delft (or are unavailable), who is going to be responsible for the data resulting from this project?

My supervisor, prof. dr. ir. G.N. (Georgi) Gaydadjiev (G.N.Gaydadjiev@tudelft.nl), and the department of EEMCS

35. What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

The data is findable/accessible on the TU Delft repository, only to those authorized. The data is in common formats (.mp3 and .docx) so they are always interpretable and reusable with no instructions required..

Planned Research Outputs

Event - "Static analysis on compiled Itanium code"

Java code written to analyze Itanium's compiled binaries for statistics such as performance, file sizes, compiler difficulty and optimization strategies.

Interactive resource - "Transcript of interviews with experts for conclusion validation"

Transcript of interviews with experts for conclusion validation

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Planned research output details

Title	DOI	Type	Release date	Access level	Repository(ies)	File size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Static analysis on compiled Itanium code		Event	2024-06-27	Open	GitHub	1 GB	MIT License	None specified	No	No
Transcript of interviews with experts for conclusi ...		Interactive resource	2024-06-27	Open	GitHub	1 GB	MIT License	None specified	No	Yes