

Creating a Data Management Plan

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To create a robust Data Management Plan (DMP), I first gathered all data, code and resources into one place. At this point I used of the ARDC FAIR Assessment tool to assess the current level of FAIRness of my data, at this point my data was reasonably FAIR due to an earlier focus on re-use. Once completed, I used the generated insights to make adjustments to the current format and documentation of the datasets, this was done in conjunction with course notes. I then downloaded the Data Management Plan template from the Eu's Horizon information page, at which point I assessed the types of questions and information I would need to provide. At this point I began to fill in the basic details of my project, including my names, title and basic dataset information. Next, using the DMP tool provided by TU Wien, I created a second DMP document, this tool allows the relatively easy creation of a DMP document by asking simple and direction questions. However, some addition information was require before the document could be completed. These included an ORCID, DOI, and a repository for the files to be stored. A interesting point is the difference between the two documents (TUW-DMP and EU-DMP), it took some time to translate information for the document generated by the TUW-DMP tool over to the Horizon compliant template. As not all questions were applicable, some sections have been filled with repetitive or short amounts of information, or omitted entirely.

A major concern is the structure of the repository and its adherence to FAIR principles, as two datasets were to be used it was not clear what approach was best. In the end it was decided to provided a general over of data, management and code, with specific information given in a separate document on the datasets themselves.

I believe the TUW-DMP document in conjunction with the ARDC FAIR Assessment tools allow users to easily and effectively assess and document all relevant information when creating FAIR data and documentation.