Leibniz Institute for Psychology Information (ZPID)

DataWiz-Horizon2020 Mapping

Zuordnung DataWiz zu Horizon2020

1) Mapping Horizon2020 – DataWiz

Assignment of DataWiz metadata is based on the *Guidelines on FAIR Data Management in Horizon 2020 (Version 3.0)*. Project documentation and data management planning fields of the DataWiz web application were used.

H2020 DMP: FAIR data management		**DataWiz**	
DMP component	**Issues to be addressed**	**DataWiz Field**	**DataWiz Database-ID**
1. Data Summary	State the purpose of the data collection/generation and explain its relation to the objectives of the project	Project objectives and scope	dw_project.description
		Relevance of existing and generated data to the project's objective	dw_dmp.existingDataRelevance
	Specify the types and formats of data generated/collected	Research Method	dw_dmp → (dw_dmp_formtypes) →dw_formtypes
		File formats	dw_dmp. fileFormat
	Specify if existing data is being re-used (if any)	Reuse of already existing data	dw_dmp.existingData
		Data Citation	dw_dmp.dataCitation
		Integration of already existing and generated data	dw_dmp.existingDataIntegration
	Specify the origin of the data	Collection mode	dw_dmp→(dw_dmp_formtypes) →dw_formtypes
	State the expected size of the data (if known)	Expected data volume	dw_dmp.storageExpectedSize
	Outline the data utility: to whom will it be useful	Intended or expected use of the data	dw_dmp.expectedUsage
		Reasons for data preservation	Headline of the section, includes: dw_dmp.workingCopy, dw_dmp.goodScientific, dw_dmp. subsequentUse, dw_dmp.requirements, dw_dmp.documentation
2. FAIR Data			
2.1 Making data findable, including provisions for metadata	Outline the discoverability of the data (metadata provision)	Searchability of the data	dw_dmp.searchableData
	Outline the identifiability of data and refer to standard identification mechanism. Do you	Use of persistent identifiers	dw_dmp.usedPID

	make use of persistent and unique identifiers such as Digital Object Identifiers?		
	Outline naming conventions used	Naming conventions	dw_dmp.namingCon
	Outline the approach towards search keyword	No corresponding field	
	Outline the approach for clear versioning	Backup plan	dw_dmp.storageBackups
		Procedure of generating the documentation	dw_dmp.metaGeneration
	Specify standards for metadata creation (if any). If there are no standards in your discipline describe what type of metadata will be created and how	Purpose of the documentation	dw_dmp→(dw_dmp_formtypes) →dw_formtypes
		Standardization of the documentation	dw_dmp.metaFramework
		Content of the documentation	dw_dmp.metaDescription
		Monitoring of the documentation	dw_dmp.metaMonitor
		Exchange and Storage format of the documentation	dw_dmp.metaFormat
2.2 Making data openly accessible	Specify which data will be made openly available? If some data is kept closed provide rationale for doing so	Special requirements on data sharing because of sensitive data	dw_dmp.sensitiveData
		Explanation why data will not be deposited within a repository or archive	dw_dmp.accessReasonAuthor
		Explanation why data will not be shared	dw_dmp.noAccessReason
	Specify how the data will be made available	Data access for third parties	dw_dmp.publStrategy
		Name of the repository or archive	dw_dmp.depositName
		Charges for data access	dw_dmp.accessCosts
		Obligation to share data	dw_dmp.releaseObligation
		Fixation of data producer's and data archive's or repository's responsibilities	dw_dmp.clarifiedRights
		Acquisition agreement with the repository	dw_dmp.acquisitionAgreement
	Specify what methods or software tools are needed to access the data? Is documentation about the software needed to access the data included? Is it possible to include the	Specific technical requirements for data use	dw_dmp.storageRequirements
		Specific technical requirements	dw_dmp.storageRequirementsTxt

	relevant software (e.g. in open source code)?		
	Specify where the data and associated metadata, documentation and code are deposited	Storage locations	dw_dmp.storagePlaces
		Storage duration	dw_dmp.storageDuration
	Specify how access will be provided in case there are any restrictions	Copyright on project outputs	dw_dmp.internalCopyright
		Licenses and rights on objects concerned	dw_dmp.internalCopyrightTxt
		Third party rights	dw_dmp.externalCopyright
		Licenses and rights on objects concerned	dw_dmp.externalCopyrightTxt
2.3 Making data interoperable	Assess the interoperability of your data. Specify what data and metadata vocabularies, standards or methodologies you will follow to facilitate interoperability.	No corresponding field	
	Specify whether you will be using standard vocabulary for all data types present in your data set, to allow inter-disciplinary interoperability? If not, will you provide mapping to more commonly used ontologies?	No corresponding field	
2.4 Increase data re-use (through clarifying licenses	Specify how the data will be licensed to permit the widest reuse possible	Usage restriction or license terms within the archive or repository	dw_dmp.usageRestriction
	Specify when the data will be made available for re-use. If applicable, specify why and for what period a data embargo is needed	Time of the data deposit	dw_dmp.transferTime
		Right to initial use	dw_dmp.initialUsage
	Specify whether the data produced and/or used in the project is useable by third parties, in particular after the end of the project? If the re-use of some data is restricted, explain why	No corresponding field	

	Describe data quality assurance processes	Training to ensure reliability of data collectors	dw_dmp.reliabilityTraining
		Multiple measurements for constructs	dw_dmp.multipleMeasurements
		Other information regarding quality assurance	dw_dmp.qualitityOther
	Specify the length of time for which the data will remain re-usable	Description of the succession plan	dw_dmp.storageSuccessionTxt
3. Allocation of resources	Estimate the costs for making your data FAIR. Describe how you intend to cover these costs	Costing of data management	dw_dmp.specificCosts
		Assessment of costs	dw_dmp.specificCostsTxt
		Assumption of costs	dw_dmp.bearCost
	Clearly identify responsibilities for data management in your project	Responsibilities for data management	dw_dmp.responsibleUnit
	Describe costs and potential value of long term preservation	No corresponding field	
4. Data Security	Address data recovery as well as secure storage and transfer of sensitive data	Responsibilities for data storage	dw_dmp.storageResponsible
		Collection of personal data	dw_dmp.dataProtection
		Measures to comply with data protection laws	dw_dmp.protectionRequirements
		Data transfer during the project	dw_dmp.storageTransfer
5. Ethical aspects	To be covered in the context of the ethics review, ethics section of DoA and ethics deliverables. Include references and related technical aspects if not covered by the former	Informed consent	dw_dmp.consentObtained
		Reason for not obtaining informed consent	dw_dmp.consentObtainedTxt
		Consideration of data sharing	dw_dmp.sharingConsidered
		Ethical review	dw_dmp.irbApproval
		Ethics committee and implications of the ethical review	dw_dmp.irbApprovalTxt
6. Other	Refer to other national/funder/sectorial/departmental procedures for data management that you are using (if any)	Policies of Funding Agencies or Institutions	dw_dmp.funderRequirements

2) References

European Commission, Directorate General for Research & Innovation. (2016) *Guidelines on FAIR Data Management in Horizon 2020*. Retrieved May 24, 2017, from http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf