
A metadata analysis for machine-actionable Software Mng Plans -
Poster

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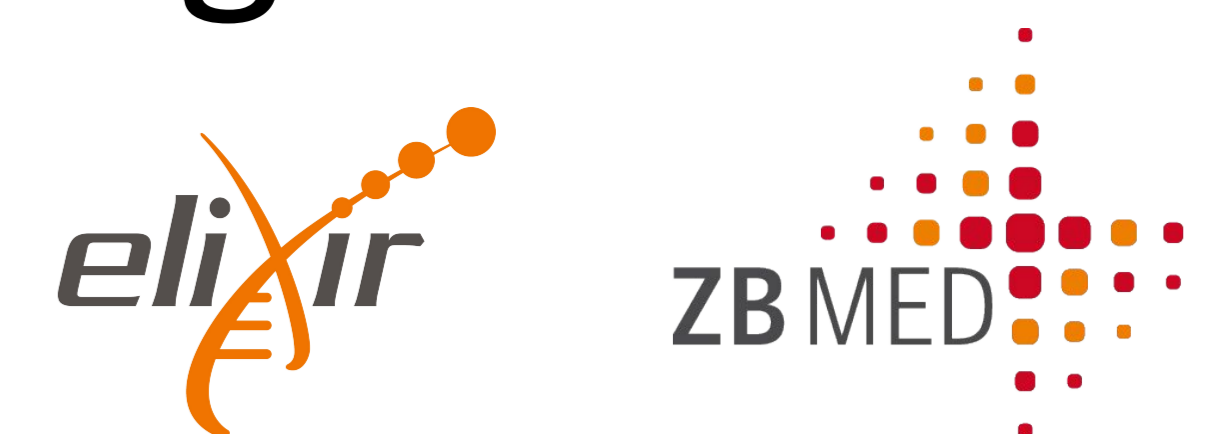
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A metadata analysis for machine-actionable Software Mng Plans

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ELIXIR Software Management Plans

Questions and answers to handle research software management

- ELIXIR Good Practices Focus Group
- Identification of stakeholders
- Low-barrier → from scripts to applications
- Text-based

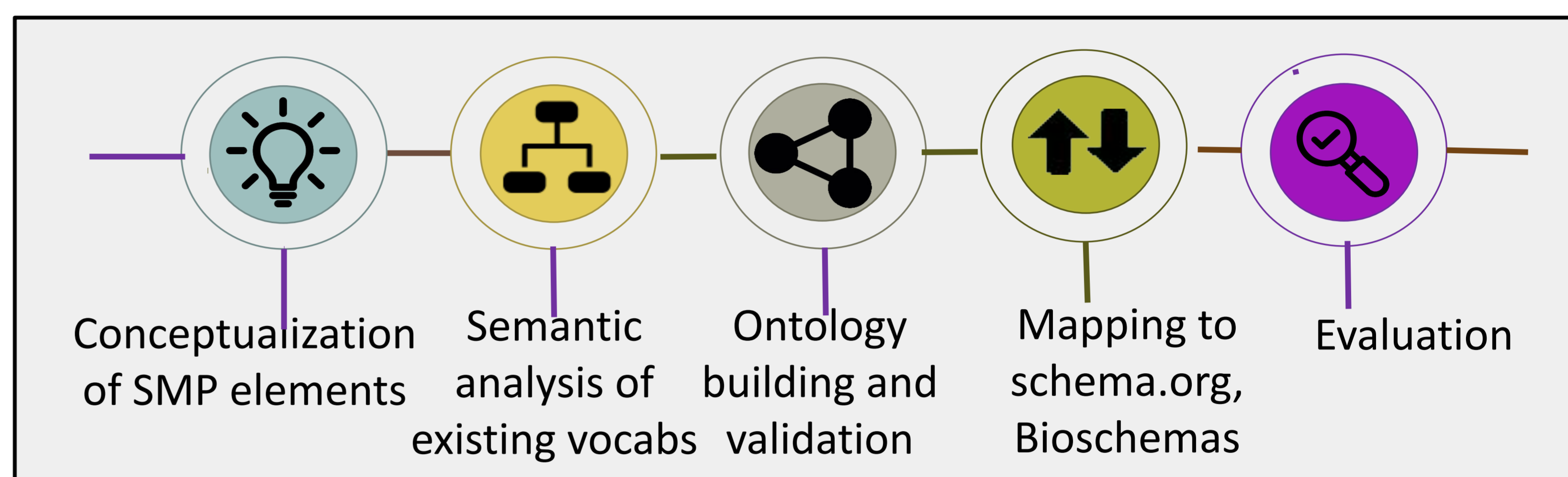


- Accessibility
- Documentation
- Testing
- Interoperability
- X.Y.Z Versioning
- Recognition

Metadata analysis of maSMP requirements

maSMP roadmap

SMP Document		Agree	Disagree
title	Text		
description	Text		
creation date	Date		
modification date	Date		
author	Person or Organization		



has 1

Dataset / Parameter		Agree	Disagree
standard used	E.g., FASTA		
url	URL		

has 1 of each

User/Developer documentation		Agree	Disagree
description	Text		
url	URL		
author	Person or Organization		

input >= 0 output >= 0

Source code repo		Agree	Disagree
Programming language	Text or Computer Language		
url	URL		
version	Text		
author	Person or Organization		

uses 1

Version control		Agree	Disagree
name	Text		
url	URL		

has >= 0 has 1

Citation info		Agree	Disagree
url	URL		

is in >= 0

Software registry/directory		Agree	Disagree
url	URL		

has 0 or 1

Bug/New issues report		Agree	Disagree
description	Text		
url	URL		

has >= 0

Testing		Agree	Disagree
testing tool	Software		
name	Text		
url	URL		
testing type	Text: usability, unit, black-box, functional, non-functional, compatibility, regression, smoke, integration, linter, end-to-end, frontend GUI		

has >= 0 has 1

Software Release		Agree	Disagree
name	Text		
description	Text		
license	Text or URL		
release notes	Text or URL		
version	Text		
dependencies	Thing		
hardware requirements	Text		
environment	Thing		
API documentation	URL		

input >= 0 output >= 0

Dataset / Parameter		Agree	Disagree
standard used	E.g., FASTA		
url	URL		