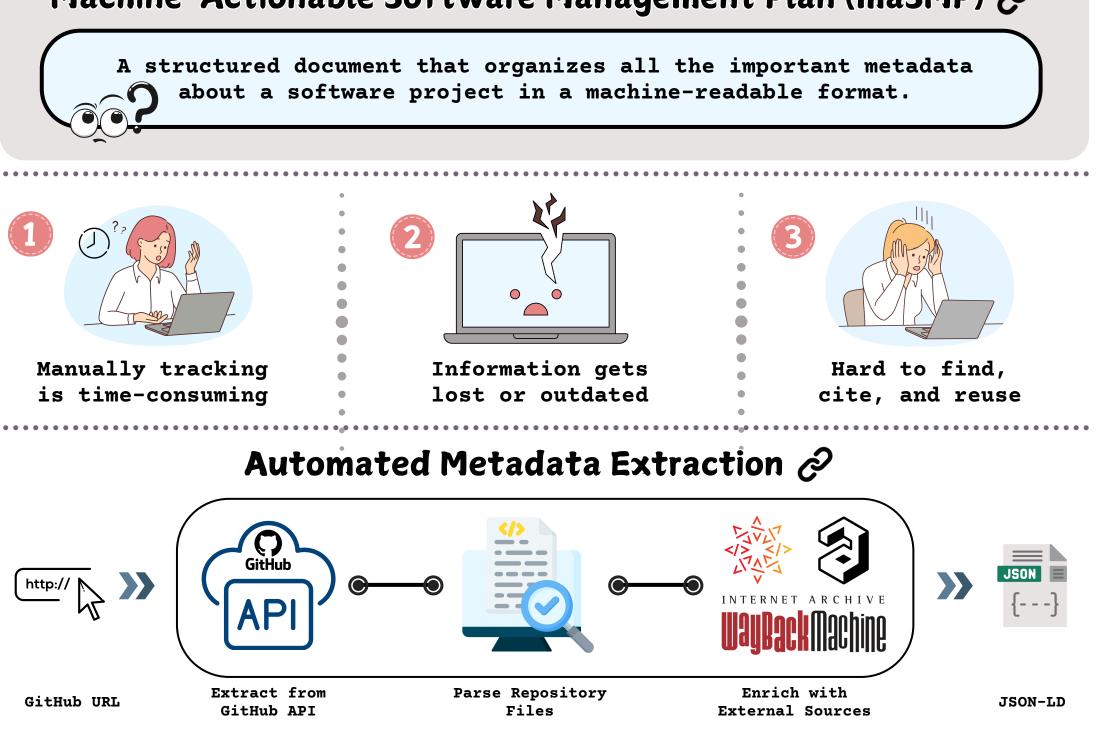
## AUTOMATED METADATA EXTRACTION COMPLIANT WITH MACHINE-ACTIONABLE SOFTWARE MANAGEMENT PLANS

DHWANI SOLANKI, SUHASINI VENKATESH, DIETRICH REBHOLZ-SCHUHMANN, AND LEYLA JAEL CASTRO ZB MED INFORMATION CENTRE FOR LIFE SCIENCES



TRANSFORMING GITHUB REPOSITORIES INTO FAIR AND MACHINE ACTIONABLE METADATA

## Machine-Actionable Software Management Plan (maSMP) 🔗





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## nteroperable



Provides structured, machine-readable metadata for software preservation, enriched with reliable external platforms for longterm usability.

Extracts metadata from GitHub and third-party sources, boosting discoverability and ensuring reliable citations with persistent identifiers. Metadata is stored in JSON-LD, an open standard for easy sharing, ensuring that key information is always retrievable. Uses standardized metadata schemas to integrate with research repositories and linked open data sources.



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