

## **Research Object Crates Bundling Research (meta-)data**

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## **Steinbuch Centre for Computing (SCC) Data Exploitation Methods (DEM)**

Research Object Crate (RO-Crate) is an open, community-driven data package specification to describe all kinds of file-based data, as well as entities outside the package. In order to do so, it uses the widespread JSON format, representing Linked Data (JSON-LD), allowing to link to external information. This makes the format flexible and machine-readable. These packages are referred to as (RO-)crates.

We developed the ro-crate-java library, which allows creating, modifying, and validating crates using the Java programming language. The focus of development was the ease of use: We aimed to make it intuitive and easy to create valid crates, without knowing the specification too well.

RO-Crate Specification s://www.researchobject.org/	
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on Machine-readable Metadata	17.5
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other tools for RO-Crate are listed at /ro-crate/tools/	12.5 spuog 10.0  E 7.5 5.0





<u>https://github.com/kit-data-manager/ro-crate-java</u>

