



FedRAMP

# Dataset Origin & Versioning

**Determining Catalog and Profile Origin**

**[usnistgov/OSCAL#961](https://usnistgov/OSCAL#961)**

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# What Do We Have Now?

*As an OSCAL developer, I want to explicitly explain **what dataset** (NIST 800-53, ISO-27001 respectively) and **which version of that dataset** (respectively 4.0 and 5.1; ISO/IEC 27001:2013 and ISO/IEC 27001:2018) is the source of the catalog and resolved profile catalog without using human interpretation of semantic context, or externalized file and directory naming.*

- Metadata (Shared Header) Model
  - [version](#)
- Profile Model
  - [import](#) field with href attributes
- (Resolved Profile) Catalog Model
  - [link](#) field with rel “resolution-source”

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## 1st Order Question

**Within a given document, how do we determine the origin (provenance) and that origin's version when referenced in a particular document?**

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## 2nd Order Question

**in a *resolved profile catalog*, how do I know the provenance of the catalog and profile that resolved it?**

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**Add dataset assembly to the OSCAL metadata model to define this information.**

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## 2nd Order Question

In a *resolved profile catalog*, how do I know the provenance of the profile the new profile is based off of?

**Enhance the profile resolution spec to pass more context data into resolved profiles.**

- Banghart, Stephen. [OSCAL Document ID Linking and Referencing Model](#)