OME-4DN-BINA-QUAREP Microscopy Metadata Model

Providing feedback

The in-progress draft of the Microscopy Metadata Model started as an extension of the OME Data Model by the NIH-funded 4D-Nucleome project (4DN), was subsequently "adopted" and revised by the Quality-Control and Data Management Working Group of BioImaging North America (BINA), and is now being evaluated, revised and extended (with your much needed help!), as part of QUAREP-LiMi.

A description of the model was published on both on BioRxiv and as part of the FOCUS on Microscopy Reporting and Reproducibility on Nature Methods.

You are welcome and, yes, urged to help make the model as complete and functional as possible.

How to access the model?

The model exists as a live repository on GitHub at:

➢ https://github.com/WU-BIMAC/NBOMicroscopyMetadataSpecs

In the Model folder under "in progress/v02-01" you can find the latest version.

There are 3 ways to review the model:

1. as a XSD file (mostly for developers),
2. graphically by navigating an Entity Relationship Diagram, and
3. as an Excel spreadsheet.

The XSD file and the Excel spreadsheet contain the entire model while the graphical representation is split up into 3 components (each available as JPG, PDF, or graphml files) each describing one of the model extensions:

1. CORE+BASE extension,
2. ADVANCED+CONFOCAL extension, and
3. CALIBRATION extension.

How to provide feedback?

You can provide feedback by submitting issues on GitHub as follows:

1. Access the Issues page here
2. Check whether your issue is already in the list by performing a search using one or two words related to the issue you want to enter
3. If you find a related issue feel free to provide your additional comments
4. If you do not find a relaed issue, click on the green "New Issue" button to start your new issue.
5. Choose one of the available Templates that have been provided to help structure your submission for easier implementation; please pick one of the templates or "Open a blank issue" (link at the bottom of the page) to get started.
6. Following the template, provide as much detail as you can including screenshots, attaching files, etc.
7. Once you submit the new issue, it will be available for others to review and comment on and it shows up in the queue to be addressed.