

UseCase.0013 (1.0)

## Catalog Usage Concept

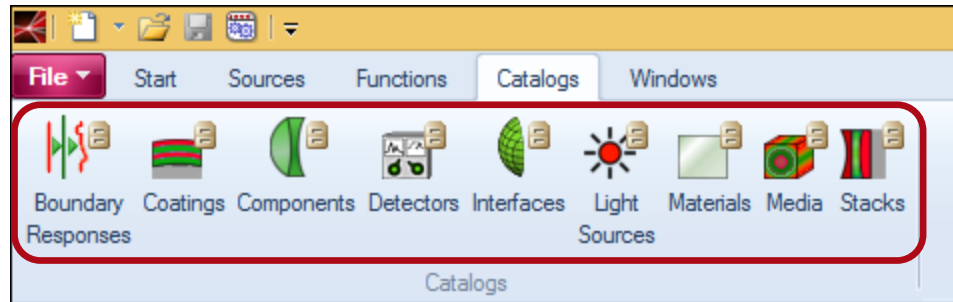
**Keywords:** catalog, light source, component, material, detector, interface, medium, boundary response, coating, stack

# Description

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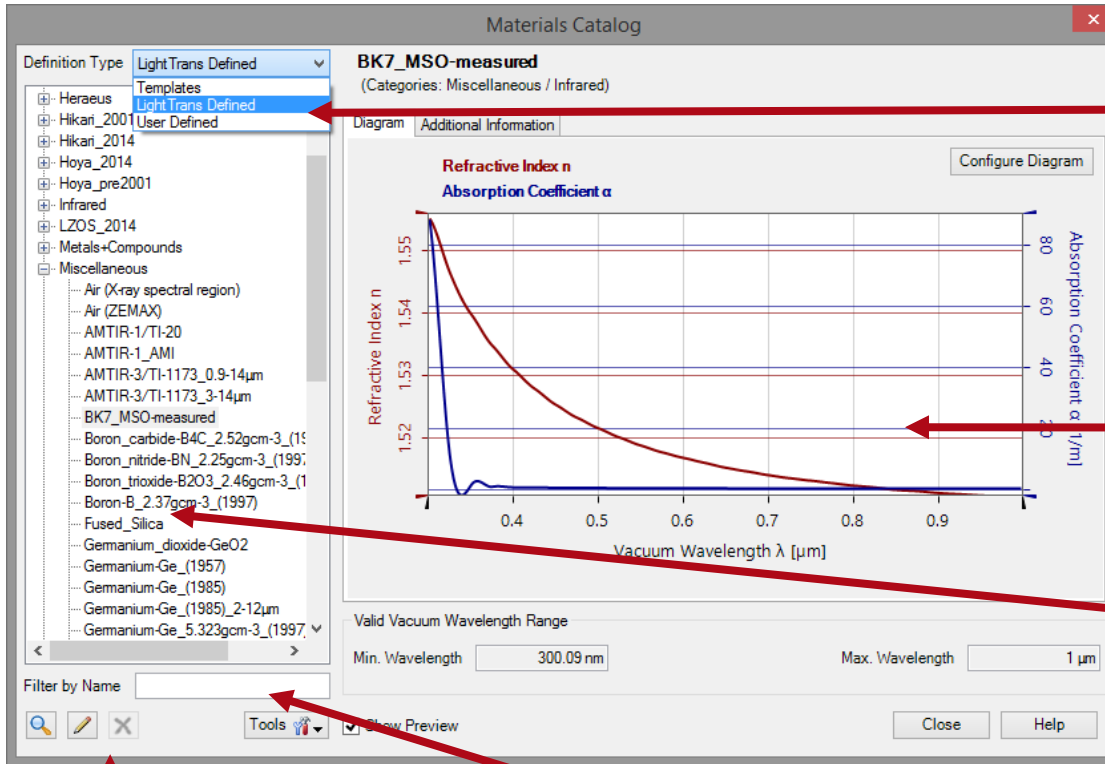
- This use case explains the basic catalog concept.
- It explains how the catalogs can be accessed in general.
- For the following building blocks catalogs are available within VirtualLab:
  - Boundary responses
  - Coatings
  - Components
  - Detectors
  - Interfaces
  - Light Sources
  - Materials
  - Media
  - Stacks

# Catalog Access



- Via the catalogs ribbon the catalogs can be accessed.
- Clicking on a catalog ribbon item triggers the opening of the catalog for selected building block.

# Catalog Concept



Selection between LightTrans defined catalogs, user defined catalogs and templates.

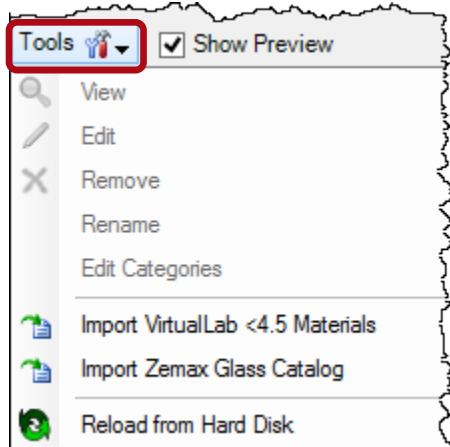
Preview

Catalogs and catalog entries

View, Edit or delete catalog entry

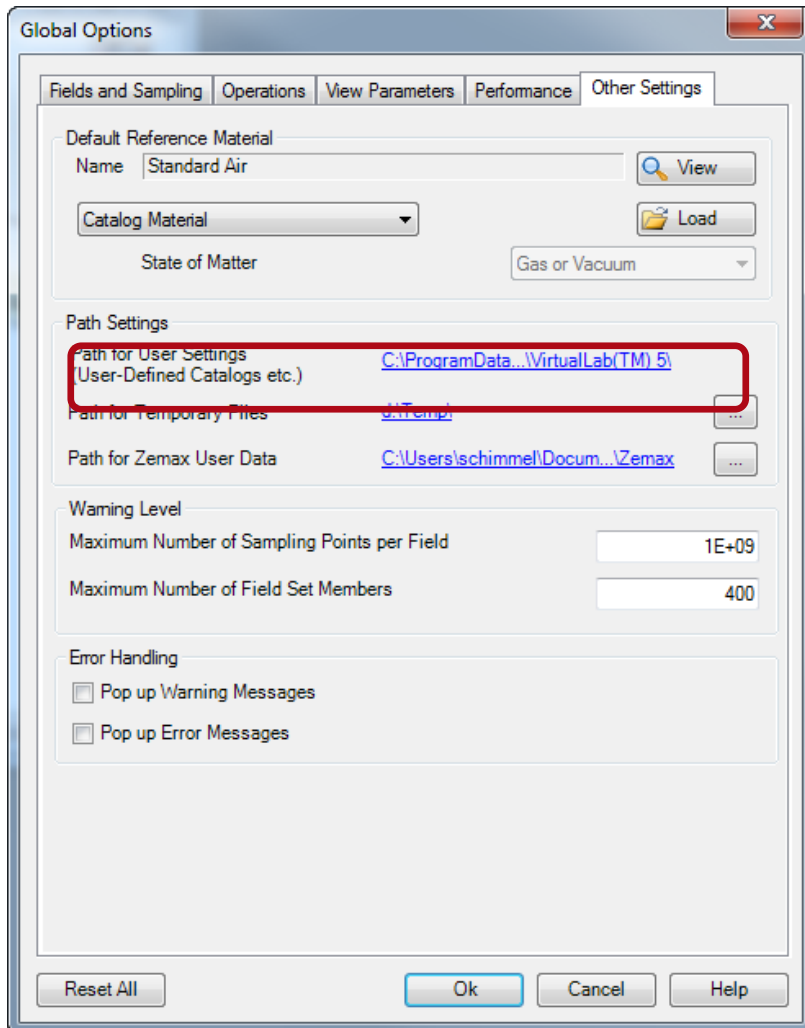
Filter option to search for names within the catalog

# Catalog Tools



- By clicking on the tools button a list of tools to modify the catalog is provided.
- The user can
  - view, edit, remove or rename the selected catalog entry. Such changes concerns only the user-defined entries.
  - define categories of the selected entry (multi categories are possible).
  - Import Zemax and old VirtualLab catalogs.

# Catalog – Global Options



- The path of the user defined catalogs can be found in the edit dialog of the global options of VirtualLab.
- The path is read-only and can not be edited by the user.

# Summary

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- Catalogs allow to store system building blocks which are used more often by in a user-defined database.
- The filter function of the catalog allows to find the building block of interest fast.
- The preview of the catalog entry gives an overview on the parameters of the selected entry.
- In addition catalog access within the light path diagram and in the building blocks itself is available.