# Library and functional subsetting

## Technical options

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|  | **Model** | **Documentation** | **Representation** |
|  | **UML** | **RestructuredText** | **XSD** | **OWL** | **Java** |
| **Whole library** | Yes but not desirable | Yes | Yes | Yes | Yes but not desirable |
| **Whole library organised by packages** | Yes from build | Yes from build | Yes from build **but different namespaces** | Yes but through documentation | Yes from build |
| **Pre-determined subsets aka Functional Views** | Yes from build | Yes from build | Yes from build | Yes from build | Yes from build |
| **Roll your own subsets** | Yes | No (unless use build system) | No (unless use build system) | No (unless use build system) | Yes dependencies management automatic eg using Hibernate |

## Audience

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|  | **Model** | **Documentation** | **Representation** |
|  | **UML** | **RestructuredText** | **XSD** | **OWL** | **Java** |
| **Whole library** | Modellers Developers | Modellers DevelopersBusiness Users | Developers | Developers | Developers |
| **Whole library organised by package** | Modellers Developers | Modellers DevelopersBusiness Users | Developers | Developers | Developers |
| **Pre-determined subsets aka Functional Views** | Modellers Developers | Modellers DevelopersBusiness Users | Developers | Developers | Developers |
| **Roll your own subsets** | Modellers Developers | Modellers DevelopersBusiness Users | Developers | Developers | Developers |