# Cross-cutting topic: the use of Link Definitions

Link Definitions are used by several constraint components in order to provide pairs of resources:

* docSimilar
* folderSimilar
* valueCompared

As long as link resolution maps context resources (represented by URI or root node) to target resources (represented by URI or root node), everything is obvious. Attention should be given to the cases when the link context is a node selected from the link context document, and/or link target nodes are selected. What is a pair? Possibilities:

1. link context node –link target node
2. link context node – link target document
3. link context document – link target node
4. link context document – link target document

ValueCompared constraint: (1)

Probably, by default, DocSimilar should also follow (1).

\_TO\_DO\_ - validation result of DocSimilar, in case of contextXP: the result should show the path of the context node.