Fig. 2: Matrix of functionalities and metadata of TEL

+ element contributes to a function
X element is required or contributes to a large extent
! element's presence may trigger the portal to offer a function

Element	Qualifier/ Scheme/ Role	Search/resource dicovery	Retrieval of record	Identification	Description	Link service	Multilinguality	Authority service	Collection level	Authorisation	Administration	Hard- and software	Navigation	Copy cataloguing	Miscellaneous services	Comment
Title	Alternative	!		+	X	+	!		+		+			+	+	Mandatory field
Creator	All roles	!				+		!	+				+	+		In order to improve discovery, creator fields might be indexed both as creator and as its role.
Contributor	All roles	!				+		!	+				+	+		
Publisher		!							+	+				+		
Subject	LCC, UDC, DDC, MESH, LCSH etc.	!		+	+	!	!		+		+		+	+		Unqualified Subject will be treated as keyword.
Description	Abstract, Table of contents, URI	!			X	+	!		X					+		
Description	Thumbnail, URL				+											Added for TEL to allow preview of objects at metadata level.
Date	Created, issued, captured, valid, ISO8601	X			+				+	X	X		+			Captured is taken from MODS
Type	DCMIType, TELType	X			X	+			+	+	+	+	+	+	+	A specific TELType is introduced for the TEL vocabulary. Strongly recommended.
Format	Extent, medium	+			+							+		+	+	

Element	Qualifier/ Scheme/ Role	Search/resource dicovery	Retrieval of record	Identification	Description	Link service	Multilinguality	Authority service	Collection level	Authorisation	Administration	Hard- and software	Navigation	Copy cataloguing	Miscellaneous services	Comment
Identifier	SICI, ISBN, ISSN, DOI, URI	X		X		X			+	+	+		!	+	!	Identifier is mandatory to enable access to objects.
Identifier	URL, URN, OpenURL	X		X		!			+	+	+		+	+	+	Encoding schemes added for TEL for linking
Identifier	Ztarget, SRUBase-URL, BaseURL	+		X					!				+		+	Encoding schemes added for TEL for dynamic target selection and query generation
Source	SICI, ISBN, ISSN, DOI, URI	+		X		X			+				+		+	
Language	ISO639-2, RFC1766, RFC3066	X			X		X	+	+					+		
Relation	IsPartOf, URI, ISSN											+	!	+		
Coverage	Spatial, temporal	+			X		+		+					+		
Rights					+	+			+	X	X			+	+	
Audience					+				+					+		
Location		+				X			+	+					X	
Recorded	URI		X			X				+	+		+	X	!	Added for TEL to retrieve or refer to original record. Mandatory if applicable (harvesting and local services)
Edition				X												
Collection description elements		X		+	+		+		+	+	+		+	+		The collection description elements are not mentioned here individually.

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