

MAWG	DESCRIPTION	PROPERTY	YOUTUBE	ALTERNATIVE	REASON
ma:contributor	A pair identifying the contributor and the nature of the contribution. E.g. actor, cameraman, director, singer, author, artist (Note: subject see addition of contributor type)	related	media:credit@role	Don't map <ma:contributor> to <media:credit@role>. No other alternative found yet.	<p>Although possible properties of <media:credit@role> can be numerous (see MediaRSS spec), Youtube uses only “uploader” as a value.</p> <p>This could be very misleading for a user since he most likely associates the property contributor with an actor, cameraman, director etc., but not with the uploader of a video. (This could be relevant for example in an use-case where a user wants to perform a meta-search via the MAWG)</p> <p>To solve this problem on the mapping level it needs to be considered not to map these two properties because to date there is no own and distinct Youtube property to describe the contributors of a video.</p> <p>On an application level a build in fuzzy search switch that the user can set could eventually solve or minimize the problem. When the switch is turned on, the Youtube <media:credit@role> values are going to be retrieved and if it is turned off, those values will be ignored.</p>
ma:creator	The authors of the resource (listed in order of precedence, if significant)	related	media:credit@role	Don't map <ma:creator> to <media:credit@role> No other alternative found yet.	The same problem as with the <ma:contributor> mapping. The given mapping is incorrect because the author of a resource is not necessarily the uploader. Therefore it needs to be considered not to map these two properties.
ma:description	A textual description of the content of the resource	exact	media:description		

ma:format	MIME type of the resource (wrapper, bucket media types)	exact	media:content@type		
ma:identifier	A URI identifies a resource; which can be either a "Resource" (abstract concept) or a "Representation" (instance/file).	exact	yt:videoid media: content@url	Eventually consider also the <id> property for the mapping	The <id> tag specifies a URN that uniquely and permanently identifies a feed or video entry. (see youtube XML elements definition)
ma:language	Specify a language used in the resource, Recommended best practice is to use a controlled vocabulary such as RFC 4646	exact	media:content@lang	Don't map <ma:language> to <media:content@lang>. No alternative solution found yet.	The <media:content@lang> property exists in the MediaRSS metadata scheme, but is doesn't seem to be used in Youtube context (see youtube XML elements definition)
ma:publisher	Examples of a Publisher include a person, an organization, or a service. Typically, the name of a Publisher should be used to indicate the resource	related	media:credit@role	Clearing the definition on publisher on MAWG-Level. If publisher = uploader then do the mapping. If not, don't do it.	Youtube elements definition for this element is inconsistent per se. The <media:credit> tag identifies the owner of a video, but the only value for <media:credit@role> is „uploader“. Is the uploader always the publisher in the sense of the Media Ontology? Again it could be misleading for a user who searches for a publisher as the entity or person who owns the copyright of a video, but gets only the people or entities who uploaded the video.

ma:relation	A pair identifying the resource and the nature of the relationship. E.g. transcript, original work				
ma:keyword	An unordered array of descriptive phrases or keywords that specify the topic of the content of the resource	more specific	media:keywords		
ma:title	The title of the document, or the name given to the resource	exact	media:title		
ma:genre	Genre of the entity	more specific	media:content@medium	Don't map <ma:genre> to <media:content@medium>. Map <ma:genre> to <media:category> instead.	<media: content@medium > refers to the type of media (f.e. video) whereas <ma:genre> refers to the genre of the content of the video. Therefore the <media:category> should be used since it can contain a value from a pre-defined list of terms which describes the genre of a video (see youtube XML elements definition)
ma:createDate	The date and time the resource was originally created. (for commercial purpose there might be an annotation of publication date)			Map <ma:createDate> to <yt:recorded>	The <yt:recorded> tag specifies the date that a video was recorded. (see youtube XML elements definition)

ma:rating	A pair identifying the rating person or organization and the rating	more specific	media:rating		
ma:collection	A name of the collection from which the resources originates				
ma:duration	The actual duration of the resource	exact	yt:duration media:content@duration		
ma:copyright	The copyright statement. Identification of the copyrights holder (DRM is out of scope for MAWG)	exact	media:copyright	Don't map <ma:copyright>. To <media:copyright> No other solution found yet.	The <media:copyright> property exists in the MediaRSS metadata scheme, but is does not seem to be used in Youtube context (see youtube XML elements definition)
ma:location	The copyright statement. Identification of the copyrights holder (DRM is out of scope fA location associated with the resource. Can be the depicted location or shot location)			Map <ma:location> to <gml:pos>	geo encoded location that is associated with the video (WGS 84 used)

ma:compression	Compression type used, e.g. H264. Note: possible to use extended mime type, see [RFC 4281]	more general	media:content@type		
ma:frameSize	The frame size. For example: w:720, h: 480	exact	media:content@height media:content@width		
ma:targetAudience	A pair identifying the issuer of the classification (agency) and the classification. E.g. parental guide, targeted geographical region			Map <ma:targetAudience> to <media:restriction> and <media:restriction@relationship>. (applies only to the targeted geographical region!!!)	the targeted geographical region can be inferred by the values of this property (f.e. <media:restriction> = „US“ + <media:restriction@relationship> = “allowed” means that the video can be displayed only within the United States ...)
ma:locator	A URI at which the resource can be accessed (e.g. a URL, or a DVB)			Map <ma:locator> to <media:content@url>	The url attribute specifies the URL for the media object. (see youtube XML elements definition)