

# Vergleichsergebnisse

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## RSS Feed Specifications – Video-Metaportal unterrichtsvideos.net | Version 1.1 (08.03.2021)

This manual contains specifications of a rss feed used to exchange metadata between channel providers (e.g. like ProVision) and metaportal.

### CHANNEL Specifications. General information about video provider / channel

| Tag                               | Specification | Description  | Example   |
|-----------------------------------|---------------|--|---|
| --- tags by rss specification --- |               |  |   |
| title                             | TEXT          | Channel title  | ProVision   |
| link                              | LINK          | Channels absolute URI  | https://www.wvu.de/provision/   |
| description                       | TEXT          | Channel description  | Videoportal ProVision der WWU Münster   learning professional vision  |
| language                          | RSS           | Channels main language   | de-de   |
| copyright                         | TEXT          | Copyright info   | Copyright 2018 ProVision  |
| pubDate                           | DATE RSS      | Date: First published  | Wed, 26 Sep 2018 10:34:44 +0200   |
| lastBuildDate                     | DATE RSS      | Date: Last changed/modified feed   | Wed, 26 Sep 2018 10:36:44 +0200   |
| image                             | RSS           | Channel logo with required RSS 2.X elements: „URL“, „Title“, „Link“<br><br>URI to JPEG, PNG, GIF | <image><br><title>ProVision</title><br><url>https://www.wvu.de/provision/logo.png</url><br><link>https://www.wvu.de/provision/</link><br></image> |
| --- custom tags ---               |               |  |   |
| channel_version                   | • 1.1         | Specification version of channel   | 1.1   |

### ITEM Specifications – Meta Data. Each video or clip is represented by a unique item.

| Tag                               | Specification   | Description   | Example   |
|-----------------------------------|---|---|---|
| --- tags by rss specification --- |   |   |   |
| title                             | CDATA   | Main title of video   | <![CDATA[Satz des Pythagoras – 3. Doppelstunde]]>   |
| link                              | TEXT (LINK)   | Direct URI to video/item page   | https://www.wvu.de/video.html   |
| description                       | CDATA   | Long description of video content   | <![CDATA[In dieser Doppelstunde wird eine Unterrichtsreihe zum Thema...]]>                      |
| language                          | RSS   | Main language of video / item   | de-de   |
| copyright                         | TEXT  | Individual video copyright info   | Studiumdigitale, GU Frankfurt   |
| pubDate                           | DATE  | Date: First published   | Wed, 26 Sep 2018 10:34:44 +0200   |
| lastBuildDate                     | DATE  | Date: Last changed/modified video   | Wed, 26 Sep 2018 10:36:44 +0200   |
| --- custom tags ---               |   |   |   |
| id                                | TEXT<br>[max. 150 characters]<br>separated by vertical bar: value   value | Permanent item identifier<br>must not be re-assigned<br>must be unique in channel feed<br>must not contain whitespaces<br>must not contain:<br>:/?#[]@!\$&'()*+,-;=<br><br>Can contain: A–Z, a–z, 0–9<br>and special chars: - . _ | 53  |
| parent_id                         | TEXT<br>separated by vertical bar: value   value                          | List of video ids (IDs: parent) **  | 45   12   |
| child_id                          | TEXT<br>separated by vertical bar: value   value                          | List of video ids (IDs: child) **   | 2   3   |
| subtitle                          | CDATA   | Subtitle of video item  | <![CDATA[Zieht ein Magnet überall gleich stark an?]]>   |
| teaser                            | CDATA   | Short teaser description of clip/video  | <![CDATA[Dieser Clip enthält XY...]]>   |
| video_image                       | TEXT (HTTPS-LINK)   | Video preview image,<br>URI to JPEG, PNG, GIF   | https://www.uni-muenster.de/ProVision/teaserbild.jpeg   |
| video_duration                    | (HH:MM:SS)  | Total video length  | 01:12:23  |
| video_resolution                  | (PixelWidth)x(PixelHeight)  | Maximum video resolution in Pixel   | 1280x720  |
| use_restrictions                  | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | Restrictions of use (see table) ***   | G1:1   G2:2   G6:3  |
| use_restrictions_label            | CDATA   | Descriptive restrictions of use<br>(human readable)   | <![CDATA[abrufbar nur für Studierende der LMU München]]>  |
| focus_of_analysis                 | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | Suggested focus of analysis   | Sprachsensible Lernunterstützung   Klassenführung   |
| materials                         | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | List of material available to view or download at channel for specific video / item   | Lehrmaterialien   Verlaufsprotokoll   Schülermaterialien   Transkript   Unterrichtsverlaufsplan |
| camera_perspective                | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | Camera perspective of video / POV   | Lehrerkamera   Schnittversion   Totale  |
| lecture_activities                | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | (Pupil) Activities to be viewed in lecture phases   | Gruppenarbeit   Bewegungseinheit   Schülerpräsentation  |
| lecture_phase                     | TEXT (Separated values LIST)<br>separated by vertical bar: value   value  | List of lecture phases to be viewed in video  | Einstiegsphase   Erarbeitungsphase   Reflexionsphase  |

|              |   |  |  |
|--------------|---|--|--|
| lecture_type | <ul style="list-style-type: none"> <li>• Unterrichtsreihe</li> <li>• Unterrichtsstunde</li> <li>• Unterrichtsausschnitt</li> <li>• Interview</li> <li>• Inszenierte Videoaufnahme</li> <li>• Sonstige Videos</li> </ul>   | Lecture type<br><br>Multiple lecture types separated by vertical bar: value   value<br><i>(order does not matter)</i>  | Unterrichtsstunde  |
| school_type  | <ul style="list-style-type: none"> <li>• Vorschule</li> <li>• Grundschule</li> <li>• Hauptschule</li> <li>• Realschule</li> <li>• Gesamtschule</li> <li>• Gymnasium</li> <li>• Förderschule</li> <li>• Privat- und Ersatzschulen</li> <li>• Sekundarschule</li> <li>• Berufliche Bildung</li> <li>• Sonstige Schulformen</li> </ul>   | Type of School<br><br>Multiple type of schools separated by vertical bar: value   value<br><i>(order does not matter)</i>  | Grundschule  |
| grade        | <ul style="list-style-type: none"> <li>• Vorschule</li> <li>• 1</li> <li>• 2</li> <li>• 3</li> <li>• 4</li> <li>• 5</li> <li>• 6</li> <li>• 7</li> <li>• 8</li> <li>• 9</li> <li>• 10</li> <li>• 11</li> <li>• 12</li> <li>• 13</li> <li>• Nicht zutreffend</li> </ul>  | Grade<br><br>Multiple grades separated by vertical bar: value   value<br><i>(order does not matter)</i>  | 5  |
| subject      | <ul style="list-style-type: none"> <li>• (Alt-)Griechisch</li> <li>• Bildende Kunst/Kunst/Kunsterziehung</li> <li>• Biologie</li> <li>• Chemie</li> <li>• Deutsch</li> <li>• Englisch</li> <li>• Erdkunde/Geographie</li> <li>• Ethik/Religionskunde</li> <li>• Ev. Religion</li> <li>• Französisch</li> <li>• Geschichte</li> <li>• Informatik</li> <li>• Italienisch</li> <li>• Kath. Religion</li> <li>• Latein</li> <li>• Mathematik</li> <li>• Musik</li> <li>• Philosophie</li> <li>• Physik</li> <li>• Russisch</li> <li>• Sachunterricht</li> <li>• Sozialkunde/Politik</li> <li>• Spanisch</li> <li>• Sport</li> <li>• Wirtschaft/Verwaltung/Recht</li> <li>• Berufliche Fachrichtungen</li> <li>• Sonstiges</li> <li>• Fachübergreifender Unterricht</li> </ul> | Subject *<br><br>--<br><br>Naturwissenschaften = „Fachübergreifender Unterricht“<br><br>Körperpflege = „Berufliche Fachrichtungen“<br><br>Energie und Umwelt (Maschinenbau) = „Berufliche Fachrichtungen“<br><br>Freiarbeit = „Sonstiges“<br><br>--<br><br>Fachübergreifender Unterricht: If multiple subjects feed should at least contain: „Fachübergreifender Unterricht“<br><br>Multiple subjects separated by vertical bar: value   value<br><i>(order does not matter)</i> | Deutsch   Chemie   Fachübergreifender Unterricht<br><br>or<br><br>Fachübergreifender Unterricht<br><br>or<br><br>Mathematik  |
| references   | CDATA<br>(+ BibTex Specifications)  | BibTex Markup  | <![CDATA[@book{book,<br>author = {The author},<br>title = {The title},<br>publisher = {The publisher},<br>year = {The year},<br>address = {The address},<br>isbn = {1234567890123}<br>}]]> |

#### Legend:

|        |                                       |
|--------|---------------------------------------|
| Orange | Required by RSS 2.X                   |
| Green  | Required by Metaportal, Open naming   |
| Blue   | Required by Metaportal, Closed naming |
| Grey   | Optional to Provide                   |

#### Rules for Feed and Content:

- Absolute URIs in all tags / No relative URIs
- HTTPS only for URI with image or other content, exceptions may apply for linking to a website
- DATE must conform RSS 2.0 specifications
- Listed tags above must be defined only once
- Unicode+007C "Pipe"-Char: | including spaces before / after char used to separate fields with multiple values *(order of values does not matter)*

Note: There can be more tags in the rss feed than specified above which will be ignored while parsing by metaportal. The order of tags as listed above is not mandatory and can be modified. Make sure all required fields are included in the feed, only tags declared as optional can be omitted.

## \* Subject

If there is more than one subject, list all of them and also make sure to include "Fachübergreifender Unterricht" too. Make sure each subject term matches a closed naming tag, so e.g. instead of "Freiarbeit" the RSS feed should contain "Sonstiges" (compare with list above at field specification).

## \*\* Parent / Child Logic

To publish linked videos and to show a simple parent/child logic, the channel provider can maintain a list of IDs pointing to parent video or childs. If ID is a parent, there should be a list of childs (child\_id). Every ID which is a child should have a parent\_id link. If ID is not a parent, child\_id can be omitted.

## \*\*\* Table / Scheme of use\_restrictions field – Example and explanation:

The use\_restrictions field defines access possibilities for a concrete video item and specific pre-defined user groups as listed below (G0 – G7). For each of those groups an access level can be specified after a colon. User groups with no access (access level = 0) can be omitted in field value.

Example: use\_restrictions = G1:1 | G2:2 | G6:3

|                       |                      | User Group |                      |                                   |  |                          |                          |            |                     |
|-----------------------|----------------------|------------|----------------------|-----------------------------------|--|--------------------------|--------------------------|------------|---------------------|
| Group Number / G#     |                      | 0          | 1                    | 2                                 | 3  | 4                        | 5                        | 6          | 7                   |
| Value                 | Access Level         | Sonstige   | Lehramts-studierende | Lehrkräfte im Vorbereitungsdienst | Hochschul-lehrende der 1. Phase des Lehramts | Lehrende in der 2. Phase | Lehrende in der 3. Phase | Lehrkräfte | Unterrichtsforscher |
| 0                     | No access            | 0          | 1                    | 2                                 | 0  | 0                        | 0                        | 3          | 0                   |
| 1                     | Local access         |            |                      |                                   |  |                          |                          |            |                     |
| 2                     | Trust network access |            |                      |                                   |  |                          |                          |            |                     |
| 3                     | Global access        |            |                      |                                   |  |                          |                          |            |                     |
| Results in mapping of |                      | State      | University           | State                             | University                                   | State                    | State                    | State      | University          |

### Definition of "access level"

| Value | Access Level         | Description   | Effect on Metaportal filter  |
|-------|----------------------|---|--|
| 0     | No access            | (self-explanatory)  | Video won't be displayed when this user group is selected  |
| 1     | Local access         | Based on the rss providers location and specified user group either university or state related to the channel / provider will automatically be mapped.<br><br>Example: ProVision is provided by WWU Münster: Depending on a specific user group which has level 1 (local access) to the video, the related state = NRW or university = WWU Münster will be mapped as access possibility to that specific video item. | Video will be displayed when selected location is identical to location of university (provider) or it's related state (depending on user group)<br><br>Only location of specific rss provider / video portal / channel will be mapped |
| 2     | Trust network access | All universities and states contributing to Metaportal which are Trust Network partners (cooperation contract)  | Video will be displayed if any cooperation university or it's related state (depending on user group) is selected in filter  |
| 3     | Global access        | Wide user range access possibility (e.g. all <u>verified legitimated</u> SSO users). This level results in mapping each university or state in Metaportal filter.   | Video will be displayed on Metaportal whatever the user selects as user group and location in filter on search page.   |

### Example

Example from table above for value of use\_restrictions field if provider is ProVision:

Field: use\_restrictions = G1:1 | G2:2 | G6:3

Note: User groups with no access (access level = 0) can be omitted

Meaning of use\_restrictions value in context of ProVision being the provider of the rss feed:

G1:1 maps local access possibility of group "Lehramtsstudierende" = Only students of "WWU Münster" (channel provider) can view the video

G2:2 maps trust network access possibility of group "Lehrkräfte im Vorbereitungsdienst" = All group members baded in a state related to location of universitys contributing to trust network (cooperation contract) can view the video.

G6:3 maps global access possibility of group "Lehrkräfte" = All group members in all states and universities can view the video.

Remember: You can specify access level for each individual video item but keep in mind that this is just a mapping of descriptive use restriction (of course there's no influence or side effects relating actual access possibilities on your videos if specified incorrectly). The value only affects filter options in metaportal. If unsure follow the premise: Better get the video displayed rather than filtered out. Make use of „use\_restrictions\_label“ field to let users know how they could possibly access the video.