# **SL NEO VOD**

The Skylark VOD service allows creating a VoD (Video on Demand) Internet portal that implements the system of individual delivery of TV programs and movies from the Skylark media-server to the subscriber in different formats.





Launched VODD Server places its icon near the clock.

and higher.

Router Client



- VOD Service (vodd.exe) creating a web-portal available via the 8000 port.
- Database service (stored.exe) storing materials published in the VOD portal, WebProxy access.
- Media Connect client application (maconnect.exe) manual import, managing and describing clips placed in VOD.

The information is relevant for Skylark SLNeo 2.1 software

 Transfer Manager server application (transfermgr.exe) – automated transfer and processing materials in the VOD server database.

## **VOD** Architecture

The picture displays one of variants of implementing VOD on the SL NEO Platform.





## Portal

The portal can be flexibly customized for certain client tasks, integrated with social media, an existing subscriber base and payment systems.



https://wiki.skylark.tv/



An example of a movie page available after login.

# **Vodd Control Panel**

All settings implemented in the control panel are saved to the file: C:\Program Files (x86)\SL NEO Media Platform\run\vodd\_config.xml.



🕞 vodd			<u>-0×</u>
Configure	Database File: Connections:	C:\Files\vod\vod.sqlite 0	
License	Status:	Running	Stop
Change Password			
System Log			
About			

Login to the Administrator Control Panel is implemented by the vodd service icon.

Parameter	Value
Database File	The SQLite database path. The database stores credentials of VOD portal users and is created automatically, during the server first launch.
Connections	The number of active connections to the portal web-interface.
Status	The portal web-interface status. Running – launched and available to users, Stopped – the app is unavailable, users get the "Server is under maintenance" message.
Start/Stop	The button to launch and stop the portal web-server.
Configure	The menu to access VOD portal settings.
License	License information.
Change Password	Changing the portal admin password.
System Log	Displaying the log of current user activity in the real-time mode.
About	Information on the VOD server version.

# **VODD** configuration

#### General

Vodd configuration					
General	Asset Server	Widgets	Pages	Main Menu	Libraries
Database Fil	e:				
C:\Files\v	od\vod.sqlite				
Work Folder:	:				
C:\Files\v	od\work				
Portal Name	:				
Skylark V	OD				
🗖 Test user	r password strengt	h			
🗖 Require u	ser email verificati	on			
🔽 Display lo	gin widget				
				Ok	Cancel

Parameter	Value
Database File	Path to the VOD database file, containing information on registered users. By default: C:\Files\vod\vod.sqlite.
Work Folder	Path to the folder for temporary files.
Portal Name	The portal name that will be used in the <title></title> tag.

-

Parameter	Value
Test user password strength	Setting requirements to the password complexity during registration.
Require user email verification	Activating email verification during registration.
Display login widget	Displaying a login widget at the top of portal pages.

#### **Asset Server**

Vodd confi	guration					
General	Asset Server	Widgets	Pages	Main Menu	Libraries	
Storage hos	t:					
localhost						
Storage nun	ıber:					
1					•	
User name:						
User passwo	ord:					
Root folder:						
				Ok	Cancel	
Parameter	Value					
Storage host	The IP-address of localhost.	a server with	the config	ured database. <sup>-</sup>	The default valu	e is
Storage number	The database serv	vice sequence	e number c	on the server wit	h the specified I	P addr
User name	The username for	the database	e access.			
User password	The user passwore	d for the data	abase acce	SS.		
Root folder	The database root selected. The defa "folder1/folder2"	t folder, relat ault value (en format.	ive to whic npty) is the	h newsitem and database root.	videoasset wou The path is spec	ld be cified ir

## Widgets

dd confi	guration				
General	Asset Server	Widgets	Pages	Main Menu	Libraries
	Add	De	lete	E	dit
NewsList NewsIte PromoBl Scheduk VideoSe VideoSe VideoAs VideoBro SideBan VideoSe	t_1 m_1 lock e_1 arch_1 archList_1 set_1 owse_1 ner1 archList_2_Simila	ır			
					Ok Cancel

A widget is a functional element of the page, responsible for data input and output and able to interact with other widgets.

Parameter	Value
Add	Adding a new widget.
Delete	Removing the selected widget.
Edit	Activating the editing window for a selected widget.

## Pages

A page is the portal element that unites a group of widgets and has a design template.

Vodd (	configuration					
Gen	eral Asset Server	Widgets	Pages	Main Menu	Libraries	
	Add	D	elete		Edit	
Ho Sig Pa Pa Pa Pa Pa Pa	mepage gnle_news_item geMusic geVideoSearch geSingleVideo geVideoCat ge_Serials ge_Single_Serial geSport geMovies					
					OkCa	ncel

The list of pages created in the portal.

Edit Page			
Parameters	Widgets		
Page name:			
PageVideoSe	arch		
CSS Style Class	:		
	-		
🔽 Use Template	e		
	Dk	Cancel	

#### Parameters

Parameter	Value
Page name	The page name used for widget interaction.
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .

Param	neter	Value	
Use Te	mplate	When the option is active, the vodd.user.page-NAME template is use the page (NAME is the page name). Widgets will be anchored to the page template. All templates are stored in the file: C:\Program Files Media Platform\docroot\vodd\user.xml, in <message id="vodd.user&lt;br&gt;tags. If the option is not used, or a template is not found, consecutiv&lt;br&gt;is used by default (widgets positioning is set on the Widgets tab).&lt;/td&gt;&lt;td&gt;ed for displaying&lt;br&gt;ir names in the&lt;br&gt;(x86)\SL NEO&lt;br&gt;.page-NAME"> /e widget output</message>	
Edit	Page		
F	Paramete	rs Widgets	
	Add	Delete Edit Up Down	
	VideoSe VideoSe	earch_1 rowse_1 earchList_1	
		Ok Cancel	

### Widgets

L

Parameter	Value				
	Selecting a widget for adding to the page				
	Choose Widget				
Add	Widget name:				
	NewsList_1				
	Ok Cancel				
Delete	Removing the selected widget.				
Edit	The editing dialogue for replacing the selected widget.				
Up	Moves the selected widget up.				
Down	Moves the selected widget down.				

### Main Menu

Configuring the portal main menu.

Vodd configuration							
	General	Asset 9	Server	Widgets	Pages	Main Menu	Libraries
	Add		Dele	te	Edit	Up	Down
	Главная Фильмы Сериалы Спорт Музыка Кабинет	ТЬСЯ К	списку				
=di	t Menu Ite	m					Ok Cancel
Edi	t Menu Ite	m					Ok Cancel
Edi	t Menu Ite	im					Ok Cancel
Edi	<b>t Menu Ite</b> em text: Сериалы em icon:	:m					Ok Cancel
Edi	t Menu Ite em text: Сериалы em icon:	em					Ok Cancel
	t Menu Ite em text: Сериалы em icon: SS Style Class	em ::	ìlm				Ok Cancel
	t Menu Ite em text: Сериалы em icon: SS Style Class glyphicon gly	em :: :: rphicon-f	ìlm				Ok Cancel
Edi It CCS	t Menu Ite em text: Сериалы em icon: 55 Style Class glyphicon gly age: age_Serials	e <b>m</b> :: :: ::	ìlm				Ok Cancel
Edi It It Pa	t Menu Ite em text: Сериалы em icon: SS Style Class glyphicon gly age: age_Serials nchor widget:	em :: rphicon-f	ìlm				Ok Cancel
Edi It	t Menu Ite em text: Сериалы em icon: SS Style Class glyphicon gly age: age_Serials nchor widget:	em :: rphicon-f	ìlm				Ok Cancel
Edi It Pa Ar	t Menu Ite em text: Сериалы em icon: SS Style Class glyphicon gly age: age_Serials achor widget:	e <b>m</b> :: :: ::	ìlm				Ok Cancel
Edi It It Pa Ar	t Menu Ite em text: Сериалы em icon: SS Style Class glyphicon gly age: age_Serials achor widget: ogin mode: lways	em :: 'phicon-f	ìlm				Ok Cancel

#### Edit menu Item

Parameter	Value			
Item Text	The menu item title.			
Item IconThe menu item icon. If the picture is taken from the database, specify the path images/FILE_NAME, or the name of the file with extension, if it is p folder C:\Program files (x86)\SL NEO Media Platform\docros				
CSS Style Class	Setting a CSS class for a certain menu item.			
Page	Selecting a menu item landing page from the list.			
Anchor widget	Scrolling the page to the required widget, when going to the page.			
	Setting visibility of a menu item, depending on the user authorization status in the portal, when going to the page. •			
Login mode	Always – the menu item is always visible.			
	• LoggedInOnly – the menu item is visible, if the user is authorized. •			
	LoggedOutOnly – the menu item is visible, if the user is not authorized.			

No name input field – specifying the text showed when displaying VideoAsset and NewsItem widgets, to be able to return to VideoSearchList and NewsList respectively. For example: "Return to the list".

The "main\_menu\_item\_current" css class is added for main menu elements in case, if the menu item becomes current.

### Libraries

Vodd configuration				
Gen	Asset Server Widgets Pages Main Menu Libraries			
CSS lib	ries:			
/voo	video-js.min.css			
JS libra	is:			
/voo	video.min.js /vodd/videojs-contrib-hls.min.js			
	Ok Cancel			
Paramete	Value			
CSS librari	Paths to CSS files are specified space-separated. Files will be connected in the beginning of the <body> section, in the <link href="" rel="stylesheet" type="text/css"/> tag that points to the virtual resource dynamically formed by the server. All external CSS files in this resource are specified via @import. Example: vodd/video-js.css. Files must be placed in the catalogue: C:\Program Files (x86)\SL NEO Media Platform\docroot\vodd\.</body>			

#### **Live Streams**

The Live Streams tab allows configuring capture of multi-bitrate IPTS-streams for their rebroadcasting to HLS streams.

V	odd config	uration				
	General	Asset Server	Widgets	Pages	Main Menu	
	Libraries	Live Streams				
	Ado	d	Delet	e	Edit	
	hlsstream1 (225.1.110.1)					
					Ok	Cancel

The window for adding a new stream.

Edit Live	e Stream			
Stream na	ame:			
hlsstrea	am1			
✓ Stream	1 Enabled	<ul> <li>Encrypt</li> </ul>	🖉 Publish Globa	lly
		Edit access keys		
Capture II	P:			
225.1.1	10.1			
Multicast	Interface:			
Variants:				
Add.	Delete	Edit	Up	Down
Port=20 Port=20 Port=20	001 002 003			•
	Ok		Cancel	
Parameter	Value			
Stream name	The stream name, whic the stream from widget browser, it is recommer	h is simultaneously the s and via URL. If access nded to specify an *.m3u	name of the HLS playl to the stream will be i ı8 extension.	ist file, and is used for access to mplemented via URL from a
Stream EnabledThe option activates rebroadcasting streams in the HLS format.	3			

Parameter	Value						
	Activating AES128 data encryption of t	ne HLS stream. Vie	ewing such a stream requires the encrypt				
	key file. The link to the encryption key	is automatically ac	dded to the m3u8 playlist file.				
	IPTS UDP поток	JD Server	Сервер региональных врезок по SCTE меткам				
	IP Playout		Метки SCTE35 WebCast Capture				
	- принима	уль LiveStream т IPTS поток	Лешифрование				
	- мультипи - шифрует	HLS (AES128)	↓ ↓				
			Воспроизведение и врезка				
	Хра	илище ключей					
Encrypt		Access Keys)					
		WEB Server	Designer,				
	Публика	ция HLS Live потока	Сегменты, АЕЅ ключи				
		(m3u8 + ts)	дешифрование				
	Генерац	ия страниц портала	Страница портала с демультиплексирование				
			плеером				
			воспроизведение				
	Added in version 2.2.4.						
	Managing the storage of access keys to	the AES encryption	on key - Access keys. The storage allows				
	creating keys that are random "Key +	(ey value" pairs us	sed for access to the encrypted HLS strea				
	without actual login to the VOD portal.						
	Access Keys						
	Require cookie authorization						
	Add	Delete	Edit				
	(Region1) - (26HPmY2YOU)						
	(Region2) - (t0nH1zur3s)	0					
	(CableNetwork1) - (DocDeLW/XE	0					
Edit access							
keys							
			Ψ				
	Ok		Cancel				
			Sancer				
	The option <b>Require cookie authoriza</b>	tion activates the	client authorization check through Cooki				
	before sending him an AES encryption	key. To successful	ly pass the check, the user must send:				
	•	2					
	The session cookie, automatically gene	rated and sent thr	ough the portal in case of an encrypted				
	stream request. The mechanism works	transparently for a	all portal users and does not require any				
	Cookie Name and Cookie Value, specifi	ed in the Capture	service settings. These values must be				
	previously saved in the Access Keys sto	orage. This option	is used, for instance, for regional commen				
	inserts, when the encrypted HLS stream is requested directly, not using the portal.						
	If the <b>Require cookie authorization</b>	option is inactive,	the AES key file and viewing the encrypte				
	Inco scream are available to all clients.	Auueu III Z.Z.4 Ver	SIUII.				

Parameter	Value				
Publish Globally	The option grants access to the Live HLS stream via a direct URL address, with no necessity of access through the web-interface. The stream is published by the address: http://IP_ADDR:8000/live/NAME, where NAME is the Live HLS name specified in the configuration. The option can be used for regional commercial inserts, to capture a stream via IP Capture in the WebCast mode.				
Capture IP	The IP address to be used for capturing IP streams. For example: 225.1.110.1.				
Multicast Interface	The IP address of the interface to be used for capturing IP streams.				
	Variant				
	Capture port:				
Variants	2003				
	Ok Cancel				
	The option allows specifying port numbers for the set IP address, which provide stream versions with different bitrate. This allows creating a playlist that supports adaptive bitrate.				

SCTE35 markers from the input IPTS stream are sent to the output HLS stream (to the TS, but not exported to the m3u8 playlist yet).

# Widget Types

#### NewsList

General Parameter Propagat	ion
Widget name:	
NewsList_1	
CSS Style class:	
News Folder:	
website_news	
View mode:	
As Tiles	,
Tiles width (%):	
100	
Target page:	
Target page anchor widget:	

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .

Parameter	Value
News Folder	The folder for reading off the Note type elements.
	THe list displaying type: •
View mode	As List - a consequent list
	•
	As Tiles - tiles
	The sorting order for the As List displaying mode:
	•
Sort direction	Ascending - direct output
	Descending - reverse output
Tiles width (%)	The widget width relative to the parent element, for the As Tiles displaying mode.
Target page	The landing page for a Note element; it must contain one or several Newsltem elements.
Target page anchor widget	Selecting a Newsltem element that will display the Note item data.

#### The Parameter Propagation tab.



The setting allows sending values to the landing page variables. Variables are available to all page widgets.

Parameter	Value
	The transferred value type:
	•
	CUSTOM_VALUE – a random string value will be sent.
Daramatar cource	•
Parameter source	PASS_THROUGH – sending the current value selected in Parameter value.
	XMP_FIELD - sending the XMP field value for the selected clip (specified in the namespace:field_name format). Example: sl:title).
Parameter value	The value of the transferred parameter, depending on the Parameter source field.

Parameter	Value
	The landing page variable that will store the transferred value.
	•
	VD_NEWS_ITEM_ID
	•
	VD_VIDEO_SEARCH_REQUEST
Daramotor	•
destination	VD_VIDEO_SEARCH_REQUEST_FIELDS
uescination	•
	VD_VIDEO_SEARCH_REQUEST_FOLDER
	•
	VD_VIDEO_SEARCH_FILTER
	•
	VD_VIDEO_ITEM_ID

When displaying portal pages and updating page parameters, values of parameters are displayed in the System Log of the control panel.

#### NewsItem

The element to output a piece of news.



Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
Default News Item ID	The Note element MediaID that will be output by the NewsItem element.

## TextBlock

The widget that allows to output an arbitrary HTML code.

Widget name: TextBlock_1 CSS Style class: XHTML Text: Ok Cancel	TextBlock	
TextBlock_1 CSS Style class: XHTML Text:	Widget name:	
CSS Style class: XHTML Text: Ok Cancel	TextBlock_1	
XHTML Text:	CSS Style class:	
XHTML Text:		
Ok Cancel	XHTML Text:	
Ok Cancel		
	Ok	Cancel

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
XHTML Text	Using JavaScript is not allowed.

#### VideoSearch

The widget displaying the entry field of the search request for VideoSearchList.

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
Button Enabled	Displaying the search button. ON - enable the search button, OFF - disable the search button (search is implemented by pressing Enter).
Button Text	Text displayed at the search button.
Empty Text	Text displayed in the empty search entry field.
Target page	The search request landing page name.
Target page anchor widget	The VideoSearchList widget at the landing page, receiving the search request.

### VideoBrowse

Displaying a preliminarily configured list of search requests, connected with certain XMP-fields.

VideoBrowse	
Widget name:	
VideoBrowse_1	
CSS Style class:	
XMP Search fields:	
type	
Target page:	
PageVideoSearch	-
Target page anchor widget:	
VideoSearchList_1	-
Edit cateories	
Ok	Cancel

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
XMP Search fields	The metadata field list for the search. Specify the list of fields comma- separated, or leave the value empty for searching by all fields. For example: dc:title, dc:description, dc:place or sl:keywords
Target page	The list element landing page name.
Target page anchor widget	The VideoSearchList widget at the landing page, receiving the search request.
Edit categories	Editing the list of search requests.

#### Edit categories.

Edit Video Cate	gories					
Add	Delete	Edit				
Boe (* DV.) Myssela (Myss domena (dom Kondepenane Konde (Konde	иа IN ) ын IN ) (Конференция II IN )	Edit Vid	eo Categor	Ŷ		
		Categor	y search reque	ti -		
	Ok	categor	y search folder			
			Ok.		Cancel	

Parameter	Value		
Category user text	The value to be displayed in the portal interface.		
Category search request	The value to be sent as a search request.		
Category search folder	The path to the folder for searching, specified relative to the VOD root directory, e.g.: films/new.		

#### VideoSearchList

The feature displays the list of video-clips according to the received parameters. It receives search parameters from VideoSearch and VideoBrowse widgets. The General tab.

#### 2025/01/16 19:57

VideoSearc	hList		
General	Parameters	Parameter Propagation	
Widget name	): 		
VideoSear	chList_1		
CSS Style cla	355:		
Asset Folder	1		
Главное			
Default Requ	est:		
*			
Default XMP	Search Fields		
dc:title			
Target page:			
PageSingle	eVideo		-
Target page	anchor widget:		
VideoAsse	t_1		•
	Ok	Cancel	

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
Asset Folder	The path to the folder for the search, specified relative to the VOD root directory, e.g.: films/new.
Default Request	The default request used if the widget receives an empty value. "*" – selecting all values.
Default XMP Search Fields	The list of metadata fields, in which the search will be implemented. Specify the list of fields comma-separated, or leave the value empty for searching by all fields. For example: dc:title, dc:description, dc:place or sl:keywords
Target page	The list element landing page name.
Target page anchor widget	The VideoSearchList widget at the landing page, receiving the selected clip ID.

#### The Parameters tab.

ideoSearo	chList		
General	Parameters	Parameter Propagation	
Loading Text	XHTML:		
Sort by Title	Text:		
Sort by Date	Text:		
Empty Searc	:h Text:		
Prev Page Te	ext:		
<<			
Next Page Te	ext:		
>>			
Items Per Pa	age:		
12			

Parameter	Value
Loading Text XHTML	🕆 Fix Me!
Sort by Title Text	Six Me!
Sort by Date Text	* Fix Me!
Empty Search Text	* Fix Me!
Prev Page Text	The text displayed at the button for moving to the previous search result page.
Next Page Text	The text displayed at the button for moving to the next search result page.
Items Per Page	The number of found elements displayed at one page.

#### The Parameter Propagation tab.

General Parameters	Parameter Propagation	
Add	Delete	Edit

The setting allows sending values to the landing page variables. Variables are available to all page widgets.

Parameter	Value
	The transferred value type:
Parameter source	• CUSTOM_VALUE – a random string value will be sent.
	<ul> <li>PASS_THROUGH – sending the current value selected in Parameter value.</li> </ul>
	XMP_FIELD - sending the XMP field value for the selected clip (specified in the namespace:field_name format), for example: sl:title.
Parameter value	The value of the transferred parameter, depending on the Parameter source field.
	The landing page variable that will store the transferred value.
	VD_NEWS_ITEM_ID
	• VD_VIDEO_SEARCH_REQUEST •
Parameter destination	VD_VIDEO_SEARCH_REQUEST_FIELDS
	VD_VIDEO_SEARCH_REQUEST_FOLDER
	VD_VIDEO_SEARCH_FILTER
	VD_VIDEO_ITEM_ID

When displaying portal pages and updating page parameters, values of parameters are displayed in the System Log of the control panel.

### VideoAsset

VideoAsset	
Widget name: VideoAsset_1 CSS Style class: Video Asset Profile: WP1 Ok Cancel	
Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
Video Asset Profile	The profile name to be used for clip playback: WP1-WP8. For example, WP1.

#### LiveStream

LiveStream
Widget name: LiveStream_1 CSS Style class:
Live Stream Name: hisstream1 Ok Cancel

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
Live Stream Name	The name of the stream configured at the Live Streams tab, which will be played by the widget.

### Schedule

The widget implements playback of VOD content by playlists. Added in 2.2.5 version.

Schedule	
Widget name:	
Schedule_1	
CSS Style class:	
News Folder:	
newsfolder	
Ok	Cancel

Parameter	Value
Widget Name	The widget name
CSS Style class	The widget output HTML will be enclosed in <div class="field" value=""></div> .
News Folder	

```
<message id="vodd.user.root-container">
...html tags and built-in variables...
</message>
```

#### Page Templates

If the Use Template option is selected in page settings, the vodd.user.page-NAME'' template (where NAME is the page name) will be used for displaying the page. If the option is not used, or a template is not found, consecutive widget output is used by default. <code> <message id="vodd.user.page-NAME"> ...html tags and built-in variables... </message> </code> ==== Widget Templates ==== The vodd.user.NAME'' template (where NAME is the widget identifier) is used for displaying widgets.

```
<message id="vodd.user.NAME">
...html tags and built-in variables...
</message>
```

The table of available widget identifiers.

NAME	Widget Name	Note
news-item	NewsItem	
news-list-item	NewsList	
video-asset	VideoAsset	
video-search-item	VideoSearchList	
video-search	VideoSearch	
logged-in	-	The system widget of an authorised user.
login	-	The system widget of the authorisation form.

#### **Template Variables**

#### Variable Description

+ (	
\${password}	



The following template variables that can be parametrized by simple strings (and can be used, for example, as "src" for the "img" tag) has been added:

vodd.user.news-item: news\_item\_picture\_url vodd.user.news-list-item: news\_list\_item\_icon\_url vodd.user.video-search-list-item: video\_search\_item\_icon\_url



## **Scripts in Templates**

JavaScript can be used in templates in the following way:

```
<script type="text/javascript">
    // <![CDATA[
        ... javascript code ...
        // ]]>
        </script>
```

#### user.xml Example

The default template example: ''C:\Program Files (x86)\SL NEO Media Platform\docroot\vodd\user-default.xml''.

```
<message id="vodd.user.root-container">
  ${back button}
  ${menu bar}
  ${login_widget}
  ${page container}
</message>
<message id="vodd.user.page-not-found">
  ${label}
</message>
<message id="vodd.user.video-search">
  ${request edit} ${search btn}
</message>
<message id="vodd.user.video-search-list-item">
  ${video search item icon}
  ${video search item title}
  ${video search item duration}
  ${video search item summary}
  ${video search item date}
</message>
<message id="vodd.user.video-asset">
  <video <pre>poster="${video asset poster url}"
         controls="true"
         preload="none"
         class="video-js vjs-default-skin">
    <source <pre>src="${video_asset_url}"
            type="${video_asset_media type}"/>
  </video>
  ${video asset title}
  ${video asset summary}
  ${video_asset_text}
  ${video asset duration}
  ${video asset datetime}
  <script type="text/javascript">
    // <![CDATA[
    var video = this widget.getElementsByTagName('video')[0];
    videojs(video, {}, function() {});
    // ]]>
  </script>
</message>
<message id="vodd.user.news-list-item">
  ${news_list_item_icon}
  ${news list item title}
```

```
${news_list_item_summary}
${news_list_item_datetime}
</message>
<message id="vodd.user.news-item">
${news_item_picture}
${news_item_picture}
${news_item_title}
${news_item_title}
${news_item_text}
${news_item_datetime}
</message>
```

```
</messages>
```

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