

Enabling the API

Add the 'api' query parameter to the embed url with a value of 'true', for example:

https://player.hihaho.com/embed/{embed_code}?api=true

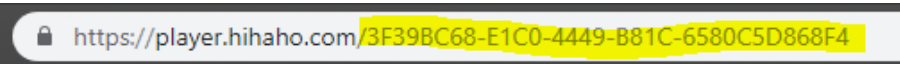
Listen for messages:

```
window.addEventListener("message", receiveMessageFunction, false);
```

The message object that you receive may contain the following details

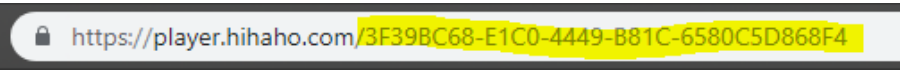
Type	triggerName	Description	triggerData	vars
init		The hihaho interactive layer / API has been loaded		
documentTrigger	hihaho_started	The viewer has started the video	object with basic info about the video	
documentTrigger	hihaho_ended	The viewer has reached the end of the video	object containing the history of the video session	
documentTrigger	hihaho_answer	The viewer has answered a question	object containing information about the answered question and the answer	
documentTrigger	hihaho_optional_variable_submitted	The viewer has submitted optional variables (event called for each submitted optional variable)	object containing the title and value of the submitted optional variable	
documentTrigger	hihaho_interaction_clicked	The viewer has clicked on an interaction	object containing details about the clicked interaction	
documentTrigger	hihaho_menu_item_clicked	The viewer has clicked on an item in the menu interaction	object containing details about the clicked menu item	
documentTrigger	hihaho_chapter_item_clicked	The viewer has clicked on a chapter in the chapter interaction	object containing details about the clicked chapter item	
onTime		This event is called about every 100ms while the video is playing.		JSON object containing the following keys: <pre>{ currentTime: <<The current time of the video (progress in the video)>>, volume: <<The current volume>>, duration: <<The total duration of the video>> }</pre>

hihaho_started


Value	Description
actor	Email address of the viewer (when present), added through optional variables, allowed viewers or query string parameter (?email= example@hihaho.com). This value is also used for Tin Can / xAPI.
percentageToSucceed	Score required to 'pass' the video, applicable to questions in the video. Score die nodig is om de video te 'halen', alleen van toepassing als er vragen in de video staan.
session_id	unique identifier for this view
video_id	The unique id for this video
video_uuid	unique identifier for this video 

hihaho_answer

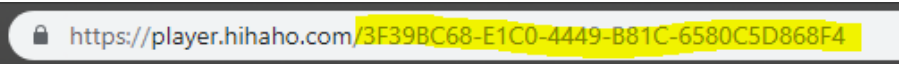
Value	Description
actor	Email address of the viewer (when present), added through optional variables, allowed viewers or query string

	parameter (?email= example@hihaho.com). This value is also used for Tin Can / xAPI.
correct	true / false Was the answer correct?
type	type of question
answerText	The text of the answer that was submitted
startTime	Time when question was loaded
endTime	Time when answer was submitted (endTime - startTime = duration it took to answer the question)
points	Amount of points assigned to the question. The points are awarded if the answer was correct.
history	History through the video up to this point. Includes play/pause/jumps/volume change info.
session_id	unique identifier for this view
video_id	The unique id for this video
video_uuid	unique identifier for this video 

hihaho_ended

actor	Email address of the viewer (when present), added through optional variables, allowed viewers or query string parameters (?email= example@hihaho.com). This value is also used for Tin Can / xAPI.
history	History through the video up to this point. Includes play/pause/jumps/volume change info.
score	a number indicating the achieved score by the viewer by answering questions while watching the video
maxScore	a number representing the maximum score that could have been achieved if the viewer answered all questions correctly that it encountered in the video.
scaledResult	a number representing the percentage of score that has been achieved in relation to the maxScore achievable.
percentageToSucceed	a number which shows which percentage of the maxScore the viewer has to reach in score to get a passed state.
passed	a boolean indicating whether the viewer passed the video (achieved the percentageToSucceed)
session_id	unique identifier for this view
video_id	The unique id for this video
video_uuid	unique identifier for this video 

hihaho_optional_variable_submitted

name	Name of the optional variable
value	Value submitted by the viewer
session_id	unique identifier for this view
video_id	The unique id for this video
video_uuid	unique identifier for this video 

hihaho_menu_item_clicked

title	Name of the menu item
action	Object with details of the clicked menu item. Possible values: type link
session_id	unique identifier for this view
video_id	The unique id for this video

video_uuid	unique identifier for this video https://player.hihaho.com/3F39BC68-E1C0-4449-B81C-6580C5D868F4
------------	---

hihaho_chapter_item_clicked

title	Name of the chapter item
start_time	time in the video the chapter item seeks to
session_id	unique identifier for this view
video_uuid	unique identifier for this video https://player.hihaho.com/3F39BC68-E1C0-4449-B81C-6580C5D868F4

hihaho_interaction_clicked

interaction_name	Name of the interaction
value	Value submitted by the viewer
action	Object with details of the clicked interaction. Possible values: position type link
session_id	unique identifier for this view
video_uuid	unique identifier for this video https://player.hihaho.com/3F39BC68-E1C0-4449-B81C-6580C5D868F4