

## Dokumentation

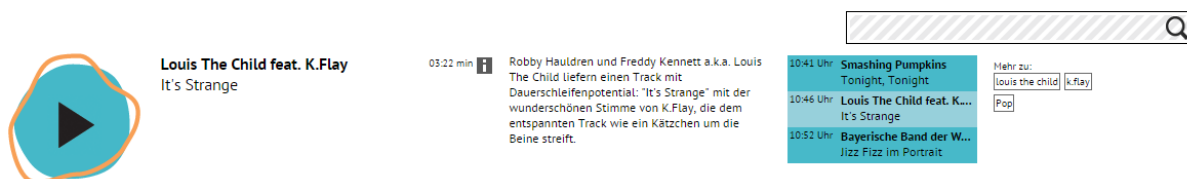
### API „Gesendete Sendungen und Beiträge/Elemente (Lieder, News, Faderstarts)“

## Description

Das Radio läuft und läuft. Und produziert dadurch auch viele Daten. Was lief wann? Was kommt? Wer hat moderiert? All diese Daten können über diese Schnittstelle zu jeder BR-Welle abgefragt werden (also z. B. PULS, Bayern 3, Bayern 1 usw.).

Darin enthalten sind u. a. auch das Genre eines Musiktitel oder ein weiterer Info-Text zum Song (z. B. „Gloria ist für Klaas Heufer-Umlauf und Mark Tavassol inzwischen mehr als ein Hobby. Der Circus-Halligalli-Star und der Wir-sind-Helden-Bassist veröffentlichen 2015 ihr zweites Album "Geister"“).

Bereits angezeigt werden Teile der Daten z. B. auf der PULS-Website ([www.deinpuls.de](http://www.deinpuls.de)) im Header-Bereich.



The screenshot shows a music player interface. On the left, there is a play button icon. To its right, the text reads "Louis The Child feat. K.Flay" and "It's Strange". Further right, a small icon indicates a duration of "03:22 min". To the right of this, a text block describes the track: "Robby Hauldren und Freddy Kennett a.k.a. Louis The Child liefern einen Track mit Dauerschleifenpotential: 'It's Strange' mit der wunderschönen Stimme von K.Flay, die dem entspannten Track wie ein Kätzchen um die Beine streift." On the far right, there is a search bar with a magnifying glass icon. Below the search bar, there is a list of songs with their durations and titles: "10:41 Uhr Smashing Pumpkins Tonight, Tonight", "10:46 Uhr Louis The Child feat. K... It's Strange", and "10:52 Uhr Bayerische Band der W... Jazz Fizz im Portrait". To the right of this list, there is a section titled "Mehr zu:" with a search bar containing "louis the child" and "k.flay", and a "Pop" button.

## URL

<http://pulshackdays-sendedaten-service.br.de>

<http://pulshackdays-sendedaten-service.br.de/help.html>

## Usage

Some REST-Routes. Node.js app working on a mysql-database. So simply call one of the routes below using GET. Replace Vars (%VAR%) according to list.

**Dokumentation****API „Gesendete Sendungen und Beiträge/Elemente****(Lieder, News, Faderstarts)“****Routes**

Name	Path	Description
G1	/s	Main path. Gets further paths
G2	index	Main path. Gets further paths
G3	help	Shows this help
G4	programs	Shows a list of programs
G7	%TYPE%/search/%QUERY%	Searches (see Search)
G9	%TYPE%/PROGRAM%/present	Shows running track for
G10	%TYPE%/PROGRAM%/today	Shows all tracks of today
G11	%TYPE%/PROGRAM%/today/%CLASS%	Shows all tracks with class of today
G12	%TYPE%/PROGRAM%/future	Show all upcoming tracks
G13	%TYPE%/PROGRAM%/future/%CLASS%	Shows all upcoming tracks with class
G14	%TYPE%/PROGRAM%/past/%INT%	Shows past tracks
G15	%TYPE%/PROGRAM%/past/%INT%/c-%CLASS%	Shows past tracks with class
G16	%TYPE%/PROGRAM%/past	Shows all past tracks
G17	%TYPE%/PROGRAM%/past/%CLASS%	Shows all past tracks with class
G18	%TYPE%/PROGRAM%/YEAR%/MONTH%/DAY%/HOUR%	Shows entries for specified date
G19	%TYPE%/PROGRAM%/YEAR%/MONTH%/DAY%/HOUR%/CLASS%	Shows entries for specified date with class
G20	%TYPE%/PROGRAM%/YEAR%/MONTH%/DAY%/CLASS%	Shows entries for specified date with class

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G27	%TYPE%/PROGRAM%/YEAR%/MONTH%/DAY%	Shows entries for specified date
G21	%TYPE%/PROGRAM%/YEAR%/MONTH%/CLASS%	Shows entries for specified date with class
G28	%TYPE%/PROGRAM%/YEAR%/MONTH%	Shows entries for specified date
G22	%TYPE%/PROGRAM%/YEAR%/CLASS%	Shows entries for specified date with class
G29	%TYPE%/PROGRAM%/YEAR%	Shows entries for specified date
G23	%TYPE%/PROGRAM%	Shows entries for specified program
G24	%TYPE%/PROGRAM%/CLASS%	Shows entries for specified program with class
G25	%TYPE%	Shows entries for specified type
G26	%TYPE%/PROGRAM%/nr/%NR%	Shows specific entry with id
G30	%TYPE%/PROGRAM%/legacy	Shows all future, present and 1 past entry
G31	/savedsql	Shows all saved queries
G32	/savedsql/%QID%	Shows result of saved query with id
G33	/overview	Shows overview if all is good

**Dokumentation****API „Gesendete Sendungen und Beiträge/Elemente****(Lieder, News, Faderstarts)“****Variables**

<b>Name</b>	<b>Description</b>
%TYPE%	sendung or element
%PROGRAM%	programs
%INT%	number of elements to get
%YEAR%	YYYY, e.g. 2014
%MONTH%	MM, e.g. 05
%DAY%	DD, e.g. 07
%HOUR%	HH, e.g. 02
%extension%	types
%QUERY%	a search query. see search
%CLASS%	e. g. music, all, news...
%NR%	An ID of a line in a table
%QID%	An ID of a saved query

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### API „Gesendete Sendungen und Beiträge/Elemente (Lieder, News, Faderstarts)“

## Response

### Type Element

```
{
  "nr": "int (primary key of internal table)",
  "timestamp": "YYYY-MM-DD HH:ii:ss.fff",
  "title": "string",
  "interpret": "string",
  "program": "string",
  "class": "string (Music,...)",
  "sequence": "string (past,present,future)",
  "duration": "int",
  "realduration": "int",
  "musicid": "string",
  "composer": "string",
  "music_author": "string",
  "text_author": "string",
  "on3": {
    "teasertitle": "string",
    "teasertext": "string",
    "teaserhead": "string",
    "tags": "string",
    "genre_id3": "string",
    "genre_mm": "string",
    "genre_mm2": "string",
    "permissions": "string",
    "mediathekready": "string"
  },
  "sophora": {
    "category": "string",
    "personinterpret": "string"
  },
  "runningnumber": "int"
}
```

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## Type Sendung

```
{  
  "nr": "int (primary key of internal table)",  
  "timestart": "YYYY-MM-DD HH:ii:ss.fff",  
  "timestop": "YYYY-MM-DD HH:ii:ss.fff",  
  "title": "string",  
  "program": "string",  
  "moderator": "array of strings"  
}
```

## Types

Extension	Description
json	(default) -> JavaScript Object Notation
xml	Extensible Markup Language
html	simple html table
nice	better html, with css
csv	with header line
fml	flat xml
md	soon to come
txt	soon to come
bmf	soon to come

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## General Information

This two elements will be added to json output.

```
"information":{
  "pathcode":"string",
  "timestamp":"timestamp",
  "route":"route information as object",
  "url":"called url",
  "PARM":"a parameter",
  "sql":"Used SQL-Statement"
}
"navigation":{
  "up":"next higher unit (eg from day to month)",
  "down":"obj of lower options (eg days in month)",
  "back":"object before current (eg one day back)",
  "forward":"next object (one day forward)"
}
```

## Examples

Get all Programs:

[/programs](#)

Present Sendung in BRHeimat:

[/sendung/brheimat/present](#)

Last 10 elements Bayern3:

[/element/bayern3/past/10](#)

Upcoming Show in Bayern2:

[/sendung/bayern2/future](#)

All Elements at Day31 Month12 Year2014 at 02 - 03 o'clock in BR-Klassik:

[/element/brklassik/2014/12/31/02](#)

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### API „Gesendete Sendungen und Beiträge/Elemente

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## Search

Call this URL with a query, like [/search/title=test.json](#)

### Keys

Key	Description
id	int
timestamp	any valid js date
title	string
moderator	string <= Only for sendung
interpret	string <= Only for elements
sequence	string (past,future,present) <= Only for elements
class	string (Music, ...) <= Only for elements
program	string (bayern1, ...)

### Examples

All Shows with Moderator Zeppenfeld from last year:

[/sendung/search/moderator=zeppenfeld&timestamp=2014](#)

Find me all songs by Elvis from yesterday in b1obb:

[/element/search/program=bayern1&timestamp=2015-03-09&interpret=elvis](#)

What's up next overall?

[/element/search/sequence=future](#)