

SHV – Spieldaten-API handball.ch

Erstellt durch: SHV - IT-Koordination & Administration
Erstellungsdatum: März 2016
Version: 1.1 / Juli 2016 New fields for games (gameId, roundNr)

Inhalt

1	Einführung.....	2
2	Aktivierung.....	2
3	Versioning	3
4	Definition.....	3
5	API-Endpoints.....	5
5.1	Clubs.....	5
5.2	Teams.....	7

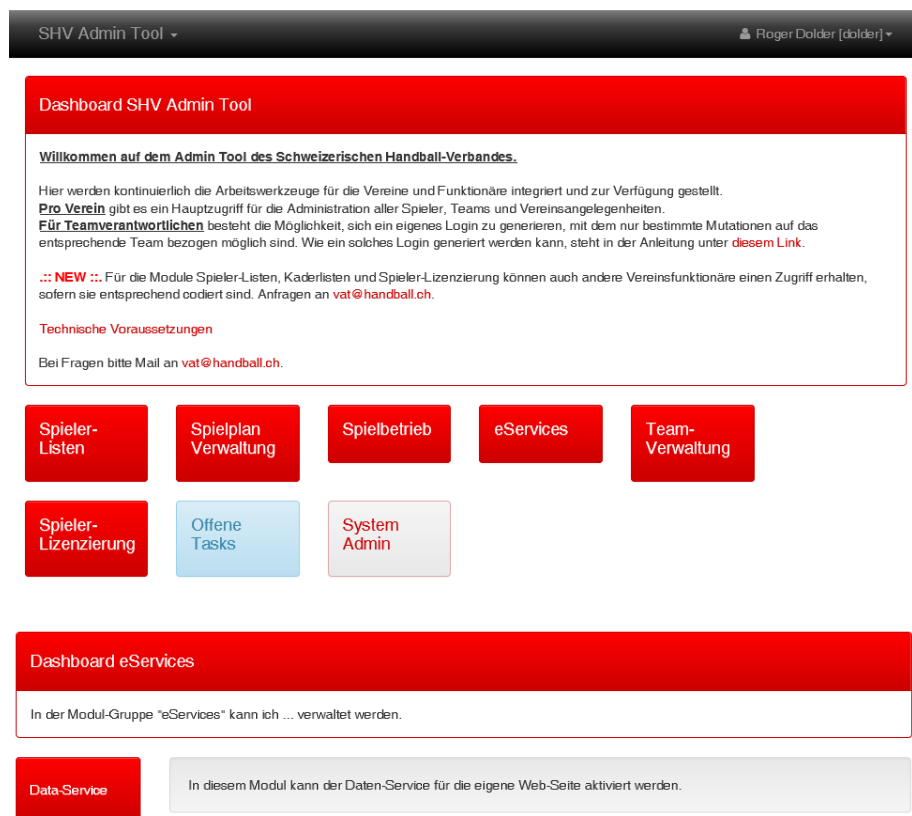
1 Einführung

Mit der Spieldaten-API des SHV können Spieldaten der aktuellen Meisterschaft einfach in der eigenen Vereins-Website dargestellt werden. Jeder Verein kann auf diese Weise in ihrem Webauftritt minutenaktuelle Spieldaten, Resultate und Ranglisten abrufen.

Die API-Programmierschnittstelle (Application Programming Interface) ist eine REST-API, welche im JSON-Format verarbeitet werden kann.

2 Aktivierung

Nachfolgend kann der Verein diesen Service kostenfrei aktivieren und in Anspruch nehmen. Die vereinsseitige Programmierung in der eigenen Web-Site kann nur mit entsprechendem Fachwissen realisiert werden. Die Aktivierung können die Vereinskontaktpersonen im VAT vornehmen.



The screenshot shows the SHV Admin Tool interface. At the top, there is a header with 'SHV Admin Tool' and a user profile for 'Roger Dolder [dolder]'. Below the header is a red banner with the text 'Dashboard SHV Admin Tool'. The main content area contains a welcome message: 'Willkommen auf dem Admin Tool des Schweizerischen Handball-Verbandes.' It explains that the tool provides work tools for clubs and officials, and that 'Pro Verein' has a main access point for administration. It also mentions that 'Teamverantwortlichen' can generate their own login. A 'NEW' notice states that other club officials can also access certain modules like player lists and licensing. At the bottom, there are several buttons for different modules: 'Spieler-Listen', 'Spielplan Verwaltung', 'Spielbetrieb', 'eServices', 'Team-Verwaltung', 'Spieler-Lizenzierung', 'Offene Tasks', and 'System Admin'. Below this is another red banner for 'Dashboard eServices' with the text 'In der Modul-Gruppe "eServices" kann ich ... verwaltet werden.' At the bottom, there is a 'Data-Service' button and a grey box stating 'In diesem Modul kann der Daten-Service für die eigene Web-Seite aktiviert werden.'

<https://vat.handball.ch>

Modul-Gruppe eServices

Modul Data-Service

Data-Service handball.ch TV Uster

Spieldaten-API handball.ch
 Mit der Spieldaten-API des SHV können Spieldaten der aktuellen Meisterschaft einfach in der eigenen Vereins-Website dargestellt werden. Jeder Verein kann auf diese Weise in ihrem Webauftritt minutenaktuelle Spieldaten, Resultate und Ranglisten sowie Spielerstatistiken abrufen. Die API-Programmierschnittstelle (Application Programming Interface) ist eine REST-API, welche mit im JASON-Format verarbeitet wird.
 Nachfolgend kann der Verein diesen Service kostenfrei aktivieren und in Anspruch nehmen. Die vereinsseitige Programmierung in der eigenen Web-Site kann nur mit entsprechendem Fachwissen realisiert werden.

Dokumente:

- Asdf
- Qwer
- Yxcv

Ggf. Verein auswählen

Dokumentation

Data-Service handball.ch

Password

API Key MTQwMzozOmRhc2ljaE1pbIRWVXNDZlI=

Mutation am 03.02.2016 14:22:01

Mutation durch Roger Dolder

Aktivieren / Deaktivieren des API-Key's

3 Versioning

The current version can be get by calling the version Endpoint `/rest/v1/version`. The corresponding version identifier (ie v1) must be used to call a specific endpoint. The version v1 will be used in this documentation exemplarily.

4 Definition

General	Value and Notes	
Url	http://api.handball.ch/ http://api-test.handball.ch/	
Password	API-Key	Password from VAT
Auth-Header	http-Header zu setzen: Authorization: Basic [UsernamePwd Hasch aus VAT]	The API uses basic authentication. Im VAT kann der API-Base64 Key ausgelesen werden The Authorization HTTP header is used to pass the value. Below is an example. Authorization: Basic QWxhZGRpbjpvGVuIHNIc2FtZQ==

Rate Limiting	Policy: limitPerMinute="15" limit-PerHour="1800"	Rate limiting on the API is designed to protect the platform from excessive requests. When the number of request received within a time window reaches a threshold number, then further requests are rejected until the rate falls back below that threshold. Also the maximum number of concurrent requests (per user and across all users) that the server will handle can be configured. Once this limit is reached further requests will be rejected. Therefore caching of results is highly recommended!
Add.Header	Leer (default) Accept-Language=fr	German French
Status codes	200: OK	Returning all found datas
	401: Unauthorized	Username Pwd ungültig oder Format ist falsch → help anschauen (→ cisco referenz authentication)?
	404: Not Found	Endpoint not found or invalid
	422: General Data-Error	General Error on Data-Consumation. Format or Data-Exception
	429: Rate Limit exceeded.	The HTTP-Header Retry-After will give the seconds to wait before new requests will be answered again.
General filter	Select your own datafields, commas separated.	fields=[list of field names with commas separated] Example: rest/v1/clubs/140373?fields=clubId,clubName Get only the fields „clubId“ and „clubName“

5 API-Endpoints

5.1 Clubs

Represents details for a club, such as its teams, games and so on.

	Value and Notes	Attributes	Type
Method	GET		
Resource Url	/rest/v1/clubs		
/clubs	Returns all active clubs.	Example: /rest/v1/clubs/ <pre>[{ "clubId":140373 ,"clubName":"TV Uster" }]</pre>	Array Int String
clubs/{clubId}	Returns the requested club with teams count.	Example: /rest/v1/clubs/140373 <pre>{ "clubId":140373 ,"clubName":"TV Uster" ,"teamsCount":12 }</pre>	Int String Int
/clubs/{clubId}/teams	Returns the teams for the requested club	Example: /rest/v1/clubs/140373/teams <pre>[{ "teamId":24565 ,"teamName":"SG Uster" ,"leagueId":1130 ,"groupText":"M1-H1" }]</pre>	Array Int String Int String
/clubs/{clubId}/games	Returns games for the requested club	Example: /rest/v1/clubs/140373/games <pre>[{ "gameId":333333 ,"gameNr":111112 ,"gameDateTime":"2015-09-08T20:30:00" ,"gameTypeLong":"Hallenmeisterschaft" ,"gameTypeShort":"MS" }]</pre>	Array Int Int Smalldatetime String String

	<pre> ,"teamAName": "TV Uster" ,"teamBName": "HSC Kreuzlingen" ,"leagueLong": "Frauen SPL2" ,"leagueShort": "SPL2" ,"round": "SPL2" ,"gameStatus": "Gespielt" ,"teamAScoreHT": 10 ,"teamBScoreHT": 11 ,"teamAScoreFT": 20 ,"teamBScoreFT": 22 ,"venue": "Uster Buchholz" ,"venueAddress": "Hallenbadweg 7" ,"venueZip": 8610 ,"venueCity": "Uster" ,"spectators": 123 ,"roundNr": 1 }] </pre>	String String String String String String String Smallint Smallint Smallint Smallint String String Int String Int Smallint
	<p>Filters:</p> <p>status=planned or played</p> <p>limit=default and max = 30</p> <p>order=desc / asc</p> <p>listgames=N-N</p> <p>Specific Values:</p> <p>gameTypeLong</p> <p>gameTypeShort</p> <p>gameStatus</p> <p>roundNr</p>	<p>The game status 'planned' (games in future only) or 'played' (played games only)</p> <p>The maximum number of games returned (default: max. 30 games)</p> <p>Games sorted by dateTime in ASC or DESC (default: ASC)</p> <p>The number of previous or next games from now</p> <p>Example: /rest/v1/clubs/140373/games?status=planned&order=desc</p> <p>Hallenmeisterschaft, Cupspiele Championnat de sale, Match de coupe MS, Cup CS, Coup Noch nicht ausg., Verschoben, Gespielt, Forfait Pas encore joué, Renvoyé, Joué, Forfait If gameTypeShort=MS then 1-nn If gameTypeShort=Cup then >= 80</p>

5.2 Teams

Represents details for a given team, such as games and so on. There is no /teams endpoint which will return all teams! The teamId must be specified to get details for a specific team

	Value and Notes	Attributes	Type
Method	GET		
Resource Url	/rest/v1/teams/{teamId}		
/teams/{teamId}	<p>Returns teamdetails by the requested team</p> <p>The teamid can be exposed from the club-endpoint by calling the /teams/ and get the parameter teamId</p>	<p>Example: /rest/v1/teams/24373</p> <pre>{ "teamId":24373 ,"teamName":"SG Pilatus" ,"leagueId":1120 ,"clubId":140566 ,"clubName":"HC Kriens" ,"languageId":1 ,"leagueLong":"Männer NLB" ,"leagueShort":"MNLB" ,"groupText":"MNLB" ,"groupId":8306 ,"playerShirtColor":"blau" ,"playerShortColor":"schwarz" ,"goalkeeperShirtColor":"grün" ,"goalkeeperShortColor":"schwarz" }</pre>	<p>Int String Smallint Int String Smallint String String String Int String String String</p>

/teams/{teamId}/games	Returns games for the requested team	<p>Example: /rest/v1/teams/24373/games</p> <pre> [["gameId":333333 , "gameNr":111112 , "gameDateTime":"2015-09-08T20:30:00" , "gameTypeLong":"Hallenmeisterschaft" , "gameTypeShort":"MS" , "teamAName":"TV Uster" , "teamBName":"HSC Kreuzlingen" , "leagueLong":"Frauen SPL2" , "leagueShort":"SPL2" , "round":"SPL2" , "gameStatus":"Gespielt" , "teamAScoreHT":10 , "teamBScoreHT":11 , "teamAScoreFT":20 , "teamBScoreFT":22 , "venue":"Uster Buchholz" , "venueAddress":"Hallenbadweg 7" , "venueZip":8610 , "venueCity":"Uster" , "spectators":123 , "roundNr":1]] </pre>	<p>Array</p> <p>Int</p> <p>Int</p> <p>Smalldatetime</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>String</p> <p>Int</p> <p>String</p> <p>Int</p> <p>Smallint</p>
	<p>Filters:</p> <p>status=planned or played</p> <p>limit=default and max = 30</p> <p>order=desc / asc</p> <p>listgames=N-N</p>	<p>The game status 'planned' (games in future only) or 'played' (played games only)</p> <p>The maximum number of games returned (default: max. 30 games)</p> <p>Games sorted by dateTime in ASC or DESC (default: ASC)</p> <p>The number of previous or next games from now</p> <p>Example: /rest/v1/teams/24373/games?status=planned&order=desc</p>	

/teams/{teamId}/group	Returns the ranking with groupdetails by the requested team	<p>Example: /rest/v1/teams/24373/group</p> <pre>{ "groupId":8306 ,"groupText":"MNLB" ,"totalTeams":14 ,"promotionCandidate":1 ,"relegationCandidate":0 ,"directPromotion":1 ,"directRelegaion":2 ,"leagueLong":"Männer NLB" ,"leagueShort":"MNLB" ,"leagueId":1120 ,"modus":"14-er 2-fach SHL (NLB)" ,"totalRounds":26 ,"gamesPerRound":7 ,"modusHtml":"Hauptrunde
\r\nDie e Hauptrunde wird mit einer Doppelrunde ausgetragen. Der Sieger steigt in die NLA auf.
" ,"ranking":[{ "rank":1 ,"teamName":"TV Endingen " ,"totalPoints":3 ,"totalWins":1 ,"totalLoss":1 ,"totalDraws":1 ,"totalScoresPlus":15 ,"totalScoresMinus":14 ,"totalGames":3 ,"totalScoresDiff":1] }</pre>	<p>Int String Int Smallint Smallint Smallint Smallint String String Smallint String Smallint String String Array Int String Smallint Smallint Smallint Smallint Smallint Smallint Smallint</p>
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/teams/{teamId}/group/ranking	Returns only the ranking information for the requested team and current-group	[{"rank":1,"teamName":"TV Endingen ","totalPoints":3,"totalWins":1,"totalLoss":1,"totalDraws":1,"totalScoresPlus":15,"totalScoresMinus":14,"totalGames":3,"totalScoresDiff":1},{}]	Array Int String Smallint Smallint Smallint Smallint Smallint Smallint Smallint
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