

**SVENSKA SPEL**

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TECHNICAL DESCRIPTION OVER EXTERNAL API:S



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DOCUMENT CHANGE HISTORY

Revision no	Date	Affected Pages	Reason	Sign.
1	2017-09-05	All	Initial issue	JABW
2	2017-10-24	All concerning Lången	Added Lången	OABP
3	2018-04-25	All	Update references	JABW
4	2018-10-16	All	Added Sportkrysset	JABW
5	2019-02-04	All	Complete revision so that documentation is up to date.	JABW
6	2019-05-08	6	Rubbet jackpot	TANA
7	2020-09-23	All	Introducing Trav & Galopp	OABP
8	2020-11-09	2 and 8	Added Spela tillsammans APIs and info about API versions	OABP
9	2020-12-08	3, 15 and 16	Added MostPlayed to Trav & Galopp	KAFG
10	2021-03-09	4.1.1, 4.1.12	More pages	TANA



1 INTRODUCTION

1.1 Purpose

This document is intended to explain how to fetch information stored in the information systems used in Svenska Spel. It is possible to fetch information regarding draws, forecasts and results for products provided by Svenska Spel.

In order to be able to fetch information, the consumer of the information is required to use the communication protocol Hypertext Transfer Protocol Secure (Wikipedia, HTTPS, 2018) and send a GET to the desired url for example `https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws?accesskey=madeUpAccessKey`.

All api:s must include the parameter `accesskey`. Calls without the parameter will fail with error code 100005.

1.2 Scope

This document is a technical specification. If you have any questions regarding agreements, copyright and so forth, please contact Andréas Johansson using phone number 010-120 38 43 or send him an email using `andreas.johansson@svenskaspel.se`.

1.3 Akronyms and Definitions

API is an abbreviation for Application Programming Interface (Wikipedia, Application programming interface, 2017) that describes an address on the internet, also called a URL, where mainly computers can fetch structured data.

JSON is an abbreviation for JavaScript Object Notation (Wikipedia, JSON, 2017). It is an open-standard file format that uses human-readable text to transmit data.

A draw defined by Svenska Spel is either a betting pool (Wikipedia, Betting pool, 2017) with a fixed price plan or sports betting (Wikipedia, Sports betting, 2017). The draw has several states and a draw is confined within a period. Usually, the draw is first defined, then the draw is open and bets can be entered, then the draw is closed and finally finalized. A result is distributed when the draw is finalized and the outcome of the draw is determined.

Svenska Spel uses REST (Wikipedia, REST, 2017) as a principle when the design of the api:s implemented.



2 API Versions

2.1 Version numbers

Svenska Spels external API:s use a numeric versioning system in its URL:s. If breaking changes must be implemented in an API, that API will receive a new URL with an increased version number leaving the previous API version unchanged.

2.1.1 Example

Let's say the API to fetch current draws for product Matchen needs a change that breaks the API contract. To get the new features, use the new URL with an increased version number like:

<https://api.www.svenskaspel.se/external/2/draw/matchen/draws> (notice the 2 in the URL)

At the same time the previous version still functions exactly as before on the unchanged URL:

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws>

2.2 API removal

If there are any reason where it is not possible to maintain an old version we will give notice in advance for you to update your software well before an old API version is removed.



3 External API:s

Svenska Spel is using JSON (Wikipedia, JSON, 2017) in order to provide information using the following generic url:s:

`https://api.www.svenskaspel.se/external/1/draw/jackpot`

`https://api.www.svenskaspel.se/external/1/draw/{productName}/draws`

`https://api.www.svenskaspel.se/external/1/draw/{ productName }/draws/{drawNumber}`

`https://api.www.svenskaspel.se/external/1/draw/{ productName }/draws/result`

`https://api.www.svenskaspel.se/external/1/draw/{ productName }/draws/{drawNumber}/result`

`https://api.www.svenskaspel.se/external/1/draw/{ productName }/draws/{drawNumber}/forecast`

`https://api.www.svenskaspel.se/external/1/draw/{ productName }/draws/{drawNumber}/upcoming`

The parameters in these generic api:s are product name, for example lotto and draw number. The draw number is a numeric value representing a draw number, for example 1361. If no draw number is provide then the api gives information about the current open draw.

3.1 Supported products

Svenska Spel supports in the api:s the following products:

- Trav & Gallop
- Bomben
- Challenge
- Europatipset
- Måltipset
- Matchen
- Powerplay
- Sportkrysset
- Stryktipset
- Topptipset
- Topptipset Europa
- Topptipset family
- Topptipset stryk
- Vikinglotto
- Eurojackpot
- Lotto (onsdag and lördag)
- Keno
- Joker



3.2 What are Topptipset Family, Topptipset Stryk and Topptipset Europa?

Topptipset is a product where the idea of the product is to predict the outcome of eight matches. These eight matches can be based upon Stryktipset or Europatipset.

The api:s that concerns Topptipset and are based upon Stryktipset are described under Topptipset Stryk. An example of these api:s is

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws>

If Topptipset is based on Europatipset, then the api:s concerning this variant are described under Topptipset Europa. An example of these api:s is

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws>.

Topptipset Family is an product where current information regarding Topptipset based on both Stryktipset and Europatipset are included in the same api:s. An example of these api:s is <https://api.www.svenskaspel.se/external/1/draw/topptipsetfamily/draws>.

3.3 What is Sportkrysset?

Sportkrysset is a product that works the same way as Joker and can be played together with Stryktipset and Måltipset.



4 API:S USED TO FETCH DRAWS

Listed below are all api:s the Svenska Spel has regarding draws for different products.

4.1.1 Bomben

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws>

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/{drawNumber}/allodds?page={0}>

Get odds for all combinations in a Bomben draw for a specific drawnumber.

If more then 10.000 odds fetch next page.

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/upcoming>

4.1.2 Challenge

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws>

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws/upcoming>

4.1.3 Eurojackpot

<https://api.www.svenskaspel.se/external/1/draw/eurojackpot/draws>

<https://api.www.svenskaspel.se/external/1/draw/eurojackpot/draws/{drawNumber}>

4.1.4 Europatipset

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws>

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws/upcoming>

4.1.5 Jackpot

<https://api.www.svenskaspel.se/external/1/draw/jackpot>

4.1.6 Rubbet

<https://api.www.svenskaspel.se/external/1/draw/rubbet/jackpot>

4.1.7 Keno

<https://api.www.svenskaspel.se/external/1/draw/keno/draws>

<https://api.www.svenskaspel.se/external/1/draw/keno/draws/{drawNumber}>

4.1.8 Lotto

<https://api.www.svenskaspel.se/external/1/draw/lotto/draws>

4.1.9 Lotto lördag

<https://api.www.svenskaspel.se/external/1/draw/lottosaturday/draws/{drawNumber}>

4.1.10 Lotto onsdag

<https://api.www.svenskaspel.se/external/1/draw/lottowednesday/draws/{drawNumber}>



4.1.11 Måtipset

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws>

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws/upcoming>

4.1.12 Matchen

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws>

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/{drawNumber}/oddslist>

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/{drawNumber}/allodds?page={0}>

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/upcoming>

<https://api.www.svenskaspel.se/external/1/draw/matchen/bydraws>

4.1.13 Powerplay

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws>

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws/upcoming>

4.1.14 Stryktipset

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws>

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws/upcoming>

4.1.15 Topptipset

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws>

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws/upcoming>

4.1.16 Topptipset Europa

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws>

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws/{drawNumber}>

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws/upcoming>

4.1.17 Topptipset Family

<https://api.www.svenskaspel.se/external/1/draw/topptipsetfamily/draws>

4.1.18 Topptipset Stryk

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws>

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws/{drawNum}>

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws/upcoming>



4.1.19 Vikinglotto

<https://api.www.svenskaspel.se/external/1/draw/vikinglotto/draws>

<https://api.www.svenskaspel.se/external/1/draw/vikinglotto/draws/{drawNumber}>



5 API:S FOR FETCHING FORECASTS

A forecast defined by Svenska Spel is a prediction of a preliminary win plan for different products. They are all based on draw number for different products.

5.1.1 Bomben

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/{drawNumber}/forecast>

5.1.2 Challenge

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws/{drawNumber}/forecast>

5.1.3 Europatipset

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws/{drawNumber}/forecast>

5.1.4 Måltipset

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws/{drawNumber}/forecast>

5.1.5 Matchen

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/{drawNumber}/forecast>

5.1.6 Powerplay

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws/{drawNumber}/forecast>

5.1.7 Stryktipset

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws/{drawNumber}/forecast>

5.1.8 Topptipset

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws/{drawNumber}/forecast>

5.1.9 Topptipset Europa

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws/{drawNumber}/forecast>

5.1.10 Topptipset Stryk

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws/{drawNumber}/forecast>



6 API:S FOR RESULTS

The different draws for the different products will have a result once the draw is finalized.

6.1.1 Bomben

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/bomben/draws/result>

6.1.2 Challenge

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/challenge/draws/result>

6.1.3 Eurojackpot

<https://api.www.svenskaspel.se/external/1/draw/eurojackpot/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/eurojackpot/draws/result>

6.1.4 Europatipset

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/europatipset/draws/result>

6.1.5 Joker

<https://api.www.svenskaspel.se/external/1/draw/joker/draws/resultbydate/{resultDate}>

The result date has the format yyyy-mm-dd, for example 2018-10-16.

6.1.6 Keno

<https://api.www.svenskaspel.se/external/1/draw/keno/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/keno/draws/result>

6.1.7 Lotto

<https://api.www.svenskaspel.se/external/1/draw/lotto/draws/result>

6.1.8 Lotto lördag

<https://api.www.svenskaspel.se/external/1/draw/lottosaturday/draws/{drawNumber}/result>

6.1.9 Lotto onsdag

<https://api.www.svenskaspel.se/external/1/draw/lottowednesday/draws/{drawNumber}/result>

6.1.10 Måtipset

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/maltipset/draws/result>



6.1.11 Matchen

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/matchen/draws/result>

6.1.12 Powerplay

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/powerplay/draws/result>

6.1.13 Sportkrysset

<https://api.www.svenskaspel.se/external/1/draw/sportkrysset/draws/resultbydate/{resultDate}>

The result date has the format yyyy-mm-dd, for example 2018-10-16.

6.1.14 Stryktipset

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/stryktipset/draws/result>

6.1.15 Topptipset

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/topptipset/draws/result>

6.1.16 Topptipset Europa

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/topptipseteuropa/draws/result>

6.1.17 Topptipset Family

<https://api.www.svenskaspel.se/external/1/draw/topptipsetfamily/draws/result>

6.1.18 Topptipset Stryk

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/topptipsetstryk/draws/result>

6.1.19 Vikinglotto

<https://api.www.svenskaspel.se/external/1/draw/vikinglotto/draws/{drawNumber}/result>

<https://api.www.svenskaspel.se/external/1/draw/vikinglotto/draws/result>



7 Trav & Galopp API:s

API:s for Svenska Spels product Trav & Galopp are centered round a race instead of a draw as in other products API:s.

7.1.1 All races for date

<https://api.www.svenskaspel.se/external/1/racing/meetings/{date}>

Gets a list of all races, no matter finished or upcoming, for the provided date. Date should have the format yyyy-mm-dd. The races are grouped by their respective meeting.

7.1.2 Race details

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}>

Gets additional information for a single race using its ID which is provided in API 7.1.1.

7.1.3 Distribution for a race and bet type Plats

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/distribution/plats>

7.1.4 Distribution for a race and bet type Vinnare

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/distribution/vinnare>

7.1.5 Odds for a race and bet type Plats

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/odds/plats>

7.1.6 Odds for a race and bet type Vinnare

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/odds/vinnare>

7.1.7 Turnover for a race and bet type Duo

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/turnover/duo>

7.1.8 Turnover for a race and bet type High Five

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/turnover/highfive>

7.1.9 Turnover for a race and bet type Plats

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/turnover/plats>

7.1.10 Turnover for a race and bet type Vinnare

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/turnover/vinnare>

7.1.11 Most played for race and bet type Duo

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/mostplayed/duo>

7.1.12 Most played for race and bet type High Five

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/mostplayed/highfive>

7.1.13 Most played for race and bet type Plats

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/mostplayed/plats>



7.1.14 Most played for race and bet type Vinnare

<https://api.www.svenskaspel.se/external/1/racing/race/{raceId}/mostplayed/vinnare>

7.2 Race domain values

Responses for API:s 7.1.1 and 7.1.2 contain attributes that can have a set number of values as output. Here follows a list for a few of them which are not self explanatory.

7.2.1 raceDiscipline

Describes the type of discipline for the race.

- Unknown
- Flat
- Hurdles
- Trotting
- Steeplechase
- Obstacle
- Harnessed
- Cross
- Ridden

7.2.2 finishPlaceReason

Describes the reason behind the finish place value.

- Unknown
- Disqualified
- Beaten
- TurnedBack
- Stopped
- RunOut
- Distanced
- RemainedAtThePost
- Fallen
- Finished

7.2.3 raceStatus

Describes the current status of the race.

- Upcoming
- Stopped
- Starting
- Starting in less than 3 minutes
- Starting in less than 1 minute
- False start
- Started
- Ended



- Finalized
- Cancelled



8 Spela Tillsammans API:s

8.1.1 List all retail groups

https://api.www.svenskaspel.se/external/1/marketplace/retailgroups?page=<page_number>

This API lists all published retail groups present in Spela Tillsammans. The response list at maximum 50 groups per page. The response attribute `morePagesAvailable` tells if there are more groups available on the next page. To change page increase the page number (denoted by `<page_number>` in the URL above) in the GET request.

Use this API to find what `groupId` a certain retail group has.

8.1.2 Get information about specific retail group

<https://api.www.svenskaspel.se/external/1/marketplace/retailgroups/{groupId}>

Using the `groupId` found in the response from 8.1.1 this API gets more information about the retail group and what shares are available for purchase.

Note, the `imageUr1` attribute contains the link to the uploaded image if any at the largest size available. Use the list in attribute `availableImageSizes` to see what other sizes are available for use and change the URL accordingly.



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