

Swedavia AirportInfo V2 API



apideveloper.swedavia.se



Using the AirportInfo V2 API

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1 THE AIRPORTINFO API

The AirportInfo API offers information about Swedavia's airports. This includes flight destinations, airline operators, parking information, restaurants, shops and services at the airports.

1.1 Date and time values

Datetimes are returned in UTC format.

1.2 Airport and city identifiers

The aviation sector often makes use of IATA codes to represent airports and cities. The codes are maintained by the organization IATA. Several of the endpoints at the Airport Info API accepts IATA codes as parameters or includes them in the response. Codes are typically containing three characters. While each airport has its own code, some cities with multiple airports also have a unique code allocated.

1.2.1 IATA codes for Swedavia's airports

Airport	IATA code
Stockholm Arlanda Airport	ARN
Bromma Stockholm Airport	BMA
Göteborg Landvetter Airport	GOT
Malmö Airport	MMX
Luleå Airport	LLA
Umeå Airport	UME
Åre Östersund Airport	OSD
Visby Airport	VBY
Ronneby Airport	RNB
Kiruna Airport	KRN

2 ENDPOINTS

This section lists all available endpoints at the AirportInfo API. Further, input parameters and responses are explained.

2.1 Airports

The endpoint serves the client with information about Swedavia's airports.

GET <https://api.swedavia.se/airportinfo/v2/airports>

2.1.1 Request Parameters

None

2.1.2 Response

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>IATA</i>	String	The IATA-code of the airport. See section 1.2.1 for further information.
<i>Name</i>	String	The name and/or location of the airport.
<i>LocalDisplayName</i>	String	How the airport name is displayed locally.
<i>DisplayName</i>	String	How the airport name is displayed.

2.2 Destinations

Returns the destinations from a specified Swedavia airport.

GET

`https://api.swedavia.se/airportinfo/v2/{iata}/destinations[?startMonth][&endMonth][&minimumDepartures]`

2.2.1 Request Parameters

<i>Parameter</i>	<i>Data Type</i>	<i>Parameter Type</i>	<i>Required</i>	<i>Description</i>
<i>Airport IATA</i>	String	URL	Yes	The IATA code of the airport for which to display flight destinations for.
<i>StartMonth</i>	Integer	Query string	Yes	Integer representing which month to start showing destinations for. Current month has index 0.
<i>EndMonth</i>	Integer	Query string	Yes	Integer representing

<i>Minimum Number</i>				which month to stop showing destinations for.
	Integer	Query string	Yes	Specifies the minimum occurrence of flights to a specific destination. For all destinations, use zero as value.

2.2.2 Response

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>CityDestinations</i>	Object[]	Lists all destinations from the requested airport during the specified time period.

2.2.2.1 CityDestinations

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>IATA</i>	String	The IATA code of the destination airport.
<i>OccuredTimes</i>	Integer	How many flight occurrences that currently was found to this destination.
<i>LatitudeAirport</i>	Fraction	The latitude of the destination airport.
<i>LongitudeAirport</i>	Fraction	The longitude of the destination airport.
<i>CityCodeIata</i>	String	The IATA Code of the city this airport is connected to.
<i>Operators</i>	Object[]	Lists all airline operators for this particular destination.

2.2.2.2 Operators

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>Name</i>	String	The name of the airline operator.
<i>Icao</i>	String	The ICAO code of the airline operator.

<i>Iata</i>	String	The IATA code of the airline operator.
<i>OccuredTimes</i>	Integer	Number of times the airline has flights to the given destination during the specified timeframe.
<i>CharterFlights</i>	Boolean	True if the operator provides chartered flights to the given destination.
<i>RegularFlights</i>	Boolean	True if the operator provides regular flights to the given destination.

2.3 Languages

Gets all the available language codes for the restaurants, services and shops endpoints.

GET <https://api.swedavia.se/airportinfo/v2/languages>

2.3.1 Request Parameters

None

2.3.2 Response

The response contains a list of provided languages. The following properties is included for each item.

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>LangCode</i>	String	The code that could serve as input for the language parameter in the restaurants, shops and services endpoint.
<i>Name</i>	String	The name of the language.

The response contains a list of provided languages. The following properties is included for each item.

2.4 Parking

Returns the availability of the parking lots at the airports. URL parameters are marked within curly brackets.

GET
https://api.swedavia.se/airportinfo/v2/{iata}/parkinglots/[?startDate]&endDate]

2.4.1 Request Parameters

<i>Parameter</i>	<i>Data Type</i>	<i>Parameter Type</i>	<i>Description</i>
<i>Iata</i>	String	URL	The airport IATA code for where parking availability should be displayed. See section 2.2.1 for Swedavia airport IATA codes.
<i>StartDate</i>	String	Query string	From when the parking should be accessible
<i>EndDate</i>	String	Query string	To when the parking should be accessible.

2.4.2 Response

<i>Parameter</i>	<i>Data Type</i>	<i>Description</i>
<i>CarParks</i>	Object[]	List of all parking lots for the requested airport and their availability.
<i>BookingInformationLink</i>	String	URL to a service where parking reservation can be made.

2.4.2.1 CarParks

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>IATA</i>	String	The IATA code of the airport where the parking is located.
<i>AirportName</i>	String	The name of the airport where the parking is located.
<i>Terminal</i>	String	The terminal which the airport is associated with.

<i>CarParkName</i>	String	The name of the parking lot.
<i>IsSoldOut</i>	Bool	Whether the parking is sold out during the requested time period.
<i>CategoryTag</i>	String	Helps to specify the different types of parking lots. Can for instance have the value “premium”, “outdoor” or “indoor”. This sometimes differs for parking lots within the same category.
<i>CategoryName</i>	String	The name of the category which the parking lot belongs to. Can for instance have values like “Indoor”, “Outdoor” or “Long Term”. Sometimes differ from the CategoryTag. For example, a lot with category “Indoor” can be tagged as “premium”.
<i>ProductLabel</i>	String	Description of the parking lot. Examples: “Close to Terminal 2” or “Long-term parking”.
<i>TransferTime</i>	String (UTC-formatted DateTime string)	Transportation time, in minutes, from the parking lot to its associated terminal.
<i>TransferMethod</i>	String	The method of transportation between the parking lot and the associated terminal.

<i>TransferType</i>	String	The type of transportation between the parking lot and the associated terminal.
<i>MapImageUrl</i>	String	If available, this property holds an URL to an image representing a map where the location of the parking lot is plotted.
<i>Latitude</i>	String	The latitude of the parking lot.
<i>Longitude</i>	String	The longitude of the parking lot.

2.5 Restaurants

Returns restaurants at specific airports. URL parameters are marked within curly brackets.

GET
[https://api.swedavia.se/airportinfo/v2/{iata}/restaurants\[?langcode\]](https://api.swedavia.se/airportinfo/v2/{iata}/restaurants[?langcode])

2.5.1 Request Parameters

<i>Parameter</i>	<i>Parameter type</i>	<i>Required</i>	<i>Description</i>
<i>IATA</i>	URL	Yes	The airport IATA code for the airport which restaurants should be displayed for. See section 2.2.1 for Swedavia airport IATA codes.
<i>LangCode</i>	Query string	Yes	ISO 639-1 language code. Specifies the

language of properties in the response. See languages endpoint for available languages and ISO codes.

2.5.2 Response

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>Id</i>	Int	Identifier of this interest point.
<i>Name</i>	String	Name of the interest point.
<i>Description</i>	String	Description of the interest point.
<i>Telephone</i>	String	Phone number associated with the phone number.
<i>OpeningHours</i>	String	Text field containing information regarding opening hours.
<i>PhotoImgURL</i>	String	URI path to an image showing the location of the interest point.
<i>AppImgURL</i>	String	URI path to an image showing the location of the interest point. Lower scale than PhotoImgURL.
<i>Location</i>	Object	See section 2.7.2.1
<i>AirportIata</i>	String	The IATA code of the airport where the interest point is located.
<i>Categories</i>	String[]	What kind of categories the interest point could be classified under.
<i>Keywords</i>	String[]	Keywords the interest point could be classified under.

2.5.2.1 Location

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>TerminalId</i>	String	Identifier of the terminal where the point of interest is located.
<i>TerminalName</i>	String	The name of the airport terminal where the interest point is located.
<i>Place</i>	String	Description of the location of the point of interest.
<i>BeforeSecurity</i>	Bool	Whether the interest point is located before the security perimeter or not.

2.6 Services

Returns services at specific airports. URL parameters are marked within curly brackets.

GET
[https://api.swedavia.se/airportinfo/v2/{iata}/services\[?langcode\]](https://api.swedavia.se/airportinfo/v2/{iata}/services[?langcode])

2.6.1 Request Parameters

Same as 2.5.1

2.6.2 Response

Same as 2.5.2.

2.7 Shops

Returns shops at specific airports. URL parameters are marked within curly brackets.

GET [https://api.swedavia.se/airportinfo/v2/{iata}/shops\[?langcode\]](https://api.swedavia.se/airportinfo/v2/{iata}/shops[?langcode])

2.7.1 Request Parameters

Same as 2.5.1

2.7.2 Response

Same as 2.5.2.

2.8 Airlines

Returns airlines operating at Swedavia airports. Can be scoped to a specific airport and/or flight direction.

GET
[https://api.swedavia.se/airportinfo/v2/airlines\[?airport\]\[&direction\]](https://api.swedavia.se/airportinfo/v2/airlines[?airport][&direction])

2.8.1 Request Parameters

<i>Parameter</i>	<i>Data Type</i>	<i>Required</i>	<i>Description</i>
<i>Airport</i>	String	No	Filters scope to a specific airport. Must be an IATA code representing a Swedavia airport.
<i>Direction</i>	String	No	Filters scope to one direction, either departure or arrivals. Valid input: 'A' = Arrivals, 'D'

2.8.2 Response

The endpoint returns a list of the following object.

<i>Property</i>	<i>Data Type</i>	<i>Description</i>
<i>IATA</i>	String	IATA Code of the airline.
<i>ICAO</i>	String	ICAO Code of the airline.
<i>Name</i>	String	Name of the airline.