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

Property	Data Type	Description
IATA	String	The IATA-code of the airport. See section 1.2.1 for further information.
Name	String	The name and/or location of the airport.
LocalDisplayName	String	How the airport name is displayed locally.
DisplayName	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[?st
artMonth][&endMonth][&minimumDepartures]
```

2.2.1 Request Parameters

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

Property	Data Type				Description
					which month to stop shoing destinations for.
Minimum Number	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

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

2.2.2.1 CityDestinations

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

2.2.2.2 Operators

Property	Data Type	Description
Name	String	The name of the airline operatior.
Icao	String	The ICAO code of the airline operator.

Property	Data Type	Description
Iata	String	The IATA code of the airline operator.
OccuredTimes	Integer	Number of times the airline has flights to the given destination during the specified timeframe.
CharterFlights	Boolean	True if the operator provides chartered flights to the given destination.
RegularFlights	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.

Property	Data Type	Description
LangCode	String	The code that could serve as input for the language parameter in the restaurants, shops and services endpoint.
Name	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/[?startD
ate][&endDate]
```

2.4.1 Request Parameters

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

2.4.2 Response

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

2.4.2.1 CarParks

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

CarParkName	String	The name of the parking lot.
IsSoldOut	Bool	Whether the parking is sold out during the requested time period.
CategoryTag	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.
CategoryName	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".
ProductLabel	String	Description of the parking lot. Examples: "Close to Terminal 2" or "Long-term parking".
TransferTime	String (UTC-formatted DateTime string)	Transportation time, in minutes, from the parking lot to its associated terminal.
TransferMethod	String	The method of transportation between the parking lot and the associated terminal.

Parameter	Type	Description
TransferType	String	The type of transportation between the parking lot and the associated terminal.
MapImageURL	String	If available, this property holds an URL to an image representing a map where the location of the parking lot is plotted.
Latitude	String	The latitude of the parking lot.
Longitude	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[?langcod
e]
```

2.5.1 Request Parameters

Parameter	Parameter type	Required	Description
IATA	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.
LangCode	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

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

2.5.2.1   Location

Property	Data Type	Description
TerminalId	String	Identifier of the terminal where the point of interest is located.
TerminalName	String	The name of the airport terminal where the interest point is located.
Place	String	Description of the location of the point of interest.
BeforeSecurity	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
```

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]
```

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][&directi
on]
```

2.8.1 Request Parameters

Parameter	Data Type	Required	Description
Airport	String	No	Filters scope to a specific airport. Must be an IATA code representing a Swedavia airport.
Direction	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.

Property	Data Type	Description
IATA	String	IATA Code of the airline.
ICAO	String	ICAO Code of the airline.
Name	String	Name of the airline.