

# SEDNA System - API documentation

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## 1. Summary

The SEDNA API is a remotely accessible API to allow the SEDNA brokers to get the boat and availabilities data from SEDNA. To run this, the broker has to ask to SEDNA team the parameter refagt. The API is mainly using XML format. Otherwise, all the functions will be progressively provided in Json format too. The XML format functions will not be stopped. The both formats will be available. All the dates and hours use Central European Time (CET).

**Any question to the support regarding an API call. An example must be provided with the link, the parameters and his values. So, the support can check and answer with the best accuracy.**

## 2. Results

You can get the boats available searching by a destination or by country. You have to give a date and duration.

Once you have your test successfully completed. The broker has to ask to SEDNA team the own URL of the broker.

### a. Parameters

Name	Description	Mandatory
Action	always with the value "search" to run the search	Yes
srh_dest	With the value you can get in the page "Destinations, countries" for a destination, you have to amend "d" before the id_dest, for a country, you have to amend "c" before the id_country. Example : d2 for Mediterranean sea or c1 for Seychelles	Yes
DEPART_DD	Day of the date	Yes
DEPART_MM	Month of the date	Yes
DEPART_YYYY	Year of the date	Yes
Nombjour	Number of days	Yes
SRH_Pas	Number of persons	No
SRH_Pas_Min	Min value of search for number of persons	No
SRH_Pas_Max	Max value of search for number of persons	No
SRH_Cab	Number of cabins	No
SRH_Cab_Min	Min value of search for number of cabins	No
SRH_Cab_Max	Max value of search for number of cabins	No
SRH_BYear	Build year of the boat (year of construction)	No
SRH_BYear_Min	Min value of search for build year of the boat (year of construction)	No
SRH_BYear_Max	Max value of search for build year of the boat (year of construction)	No
SRH_Type	Type of the boat, possible values: "catamaran", "monohull", "motor boat", "powered catamaran", "gulet", "trawler", "trimaran"	No
SRH_Crew	Type of product, possible values : "Bare Boat" or "Crewed"	No
SRH_Long1	Minimum length of the boat	No
SRH_Long2	Maximum length of the boat	No
Xml_light	Display only the boat and the prices in the results. (XML_light=1)	No
Offset	The position of the result to display.	No
Limit	Number of results to display. By default, if offset is defined, the nbresult is defined to 40.	No
SRH_ope	List of Ids of the fleet to search. For example : srh_ope=2,36	No
Dis_option	To see if the result is an option or not. The value is 1. Even if the boat is under option, the boat appears in the result.	No
Id_boat	SEDNA id of the boat. If the boat is free, the boat appears in the result. If the boat is not available, the boat doesn't appear in the result.	Yes

### b. Attributes

Name	Description
company	Owner company of the boat
country	Country of the charter
dateend	End date of the charter
datestart	Start date of the charter
destination	Destination of the charter
discount	discount of the charter
id_boat	ID of the boat in SEDNA, this will be useful for the next step
img	One picture of the boat
model	model of the boat
name	name of the boat
nbdoucabin	number of double cabin (including nbdbkcabin)
nbpax	Number of pax for the charter
nbsimcabin	number of single cabin (including bt_frontpeak)
newprice	price of the charter after discount not including the mandatory extras
oldprice	price of the charter before discount not including the mandatory extras. If the value of discount is 0. Oldprice has 0 as value too.
type	type of the boat : Catamaran   Monohull   Motor boat   Powered catamaran   Canal boat   Semi rigid   Gulet   Trawler   Ketch   Game fishing yacht
id_ope	Id of the company
buildyear	year of build of the boat
caution	boat damage (security) deposit amount
cautionwithSI	boat damage (security) deposit amount when the security insurance (or loss damage waiver) is checked
widthboat	length of the boat in Meters (not the beam)
widthboat_feet	length of the boat in Feets (not the beam)
crew	crewed or bareboat
datestart2	Start date of the charter in international standard
dateend2	End date of the charter in international standard
id_tbf1	ID combined of the boat and the base
availabilitynow	0 : the boat is on request. The fleet will confirm or not your request. No need any required action from the broker. 1 : the confirmation is immediate. No need any action from the fleet.
<homeport>	The homeport is always a possible departure or arrival base.
name	Name of the boat homeport
id_base	Id of the homeport base
<base>	
name	Name of the base
oneway_cost	Cost to bring the boat to this base from the homeport
id_base	Id of the base
<values>	Values can be used to filter the results
pas_min	Minimum of passengers
pas_max	Maximum of passengers
cab_min	Minimum of cabins
cab_max	Maximum of cabins
byear_min	Minimum of the build year
byear_max	Maximum of the build year
long1	Minimum of the width boat
long2	Maximum of the width boat
long1_feet	Minimum of the width boat in feet
long2_feet	Maximum of the width boat in feet
limit	Limit of the offset
glbl_nbresults	Global number of results
status	Status of the result. It appears only if the result is an option with the value OPTION

exp_date	It appears only if the result is an option with the expiration date of the option
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c. **Example**

[http://client.sednasystem.com/m3/agt/7219/default.api?action=search&srh\\_dest=d2&DEPART\\_DD=02&DEPART\\_MM=06&DEPART\\_YYYY=2018&nombjour=7&offset=11&nbresult=10](http://client.sednasystem.com/m3/agt/7219/default.api?action=search&srh_dest=d2&DEPART_DD=02&DEPART_MM=06&DEPART_YYYY=2018&nombjour=7&offset=11&nbresult=10) \*

\*This link is for the agent demo with the id **7219**. You need to replace “/7219/” by your id. Please ask us your id.

### 3. Cabin results

You can get the available cabins searching by a destination or by country. You have to give a date and duration.

#### a. Parameters

Name	Description	Mandatory
Action	always with the value "search" to run the search	Yes
srh_dest	With the value you can get in the page "Destinations, countries" for a destination, you have to amend "d" before the id_dest, for a country, you have to amend "c" before the id_country. Example : d2 for Mediterranean sea or c1 for Seychelles	Yes
DEPART_DD	Day of the date	Yes
DEPART_MM	Month of the date	Yes
DEPART_YYYY	Year of the date	Yes
Nombjour	Period to search	Yes
type_search	The value is "cabin", it's a mandatory parameter	Yes
mode_xml	The value is true, it's a mandatory parameter	Yes
Cabpax1	Number of double cabins	No
Cabpax2	Number of single cabins	No
SRH_ope	List of Ids of the fleet to search. For example : srh_ope=2,36	No
Lg	Langage	No
id_cab	To check the availabilities of the attribut cab_dispo of a cabin. Even if this id_cab is not available. The cabin cruise appears with all the attributes and cab_dispo could be have the value 0 in this case.	No
displayfull	Display all the cabins ; Even the cabin not available	No

#### b. Attributes

Name	Description
<cab_cruise>	
departure_base	Name of the departure base
departure_id	ID of the departure base
arrival_base	Name of the arrival base
arrival_id	ID of the arrival base
<cab >	
datestart	Start date of the cabin cruise
dateend	End date of the cabin cruise
pricecoup	Price for a couple in a cabin
pricesing	Price of a single person in a cabin
pricetrip	Price for a triple cabin
id_cab	ID of the cabin cruise
cab_dispo	Available cabins
Id_cab_ligne	Id_cab_ligne (used for the extras)
<incl>	Included in the cabin cruise
<notincl>	Not included in the cabin cruise
<program>	Details & program of your cabin cruise
<heuredeb>	Information about departure time
<heurefin>	Information about arrival time
<mpoint>	Meeting point

#### c. Example

[http://client.sednasystem.com/m3/agt/7219/default.api.asp?  
action=search&DEPART\\_DD=02&DEPART\\_MM=06&DEPART\\_YYYY=2018&nombjour=30&type\\_search=cabin&mode\\_x](http://client.sednasystem.com/m3/agt/7219/default.api.asp?action=search&DEPART_DD=02&DEPART_MM=06&DEPART_YYYY=2018&nombjour=30&type_search=cabin&mode_x)



ml=true

## 4. Check the availability of a boat

You can check if a boat is free, booked or under option. You have to give the `id_boat` and the date.

### a. Parameters

**Same attributes than in section Parameters of Results.** Adding of the parameters `id_boat` and `dis_option`. The parameter `srh_dest` is no more a mandatory parameter. If the boat is free, the boat appears in the result. If the boat is not available, the boat doesn't appear in the result. With parameter `dis_option=1`, even if the boat is under option, the boat appears in the result.

Name	Description	Mandatory
srh_dest	With the value you can get in the page "Destinations, countries" for a destination, you have to amend "d" before the <code>id_dest</code> , for a country, you have to amend "c" before the <code>id_country</code> . Example : d2 for Mediterranean sea or c1 for Seychelles	No
id_boat	SEDNA id of the boat	Yes
Dis_option	To see if the result is an option or not. The field <code>id_boat</code> must be defined too. The value is 1.	No

### b. Attributes

Same attributes than in section Attributes of Results. The attributes **Status** and **Exp\_date** are added.

Name	Description
status	Status of the result. It appears only if the result is an option with the value <code>OPTION</code>
exp_date	It appears only if the result is an option with the expiration date of the option

### c. Example

[http://client.sednasystem.com/m3/agt/7219/default.api.asp?action=search&srh\\_dest=d2&DEPART\\_DD=06&DEPART\\_MM=06&DEPART\\_YYYY=2018&nombjour=7&id\\_boat=1866&dis\\_option=1](http://client.sednasystem.com/m3/agt/7219/default.api.asp?action=search&srh_dest=d2&DEPART_DD=06&DEPART_MM=06&DEPART_YYYY=2018&nombjour=7&id_boat=1866&dis_option=1) \*

\*This link is for the agent demo with the id **7219**. You need to replace `"/7219/"` by your **ID**. Your **ID** is different from the **refagt**. Please ask us your **ID**.

## 5. Characteristics of the boat (equipment)

To get the characteristics of a boat with the SEDNA `id_boat`. The fleet updates usually the boat details once a year. So, it's not useful to import this data frequently. Take care that some fleets add some characteristics with the value "no".

### a. Parameters

Name	Description	Mandatory
id_boat	Name of the boat	Yes
refagt	Your broker ID	Yes
Lg	0 (English)	No

## b. Attributes

Name	Description
id_boat	id of the characteristic on the boat
<characteristic_topic>	
topic	Topic of the characteristics
<characteristic_topic>	
id_opt	id of the characteristic
name	name of the extra
quantity	free text. Small description or quantity. This value can be “no”, the fleet wants to show that the equipment is not on the boat.
Unit	unit of the characteristic

## c. Example

[http://client.sednasystem.com/API/GetCharacteristics2.asp?id\\_boat=11534&refagt=dghs7219](http://client.sednasystem.com/API/GetCharacteristics2.asp?id_boat=11534&refagt=dghs7219)

## 6. List of all extras/characteristics

To get all the characteristics or extras of your fleets. The fleet updates usually the boat details once a year. So, it's not useful to import this data frequently.

### a. Parameters

Name	Description	Mandatory
typ	Empty: extras; value "char": characteristics	No
refagt	Your broker ID	Yes
Lg	0 (English)	No

### b. Attributes

Name	Description
<extra>	
id_opt	id of the characteristic

### c. Example

<https://client.sednasystem.com/API/getExtrasCharFleet.asp?refagt=dghs7219&typ=char>

## 7. Destinations, countries, bases

To get the destinations, countries, bases available from your broker account.

### a. Parameters

Name	Description	Mandatory
lg	0 (english)	No
refagt	Your broker ID	Yes
type_search	Display only the homeport with boat available for bareboat/crewed or cabin. Values : bbcw (bareboat or crewed); cabin (cabins)	No
srh_ope	List of Ids of the fleet to search. For example : srh_ope=2,36	

### b. Attributes

Name	Description
id_dest	Sedna Id of the destination
id_country	Sedna Id of the country
id_base	Sedna Id of the base
name	Name of the country, destination or base
id_marina	Sedna Id of the marina

### c. Example

<http://client.sednasystem.com/API/GetDestinations3.asp?lg=0&refagt=dghs7219>

Only for bareboat or crewed

[http://client.sednasystem.com/API/GetDestinations3.asp?lg=0&refagt=dghs7219&type\\_search=bbcw](http://client.sednasystem.com/API/GetDestinations3.asp?lg=0&refagt=dghs7219&type_search=bbcw)

Only for cabins

[http://client.sednasystem.com/API/GetDestinations3.asp?lg=0&refagt=dghs7219&type\\_search=cabin](http://client.sednasystem.com/API/GetDestinations3.asp?lg=0&refagt=dghs7219&type_search=cabin)

## 8. Extras of the boat

To get the mandatory extras of a boat with the SEDNA id\_boat. The fleet updates usually the boat details once a year. So, it's not useful to import this data frequently. To get the optional (no mandatory) extras. Please contact us at [contact@sednasystem.com](mailto:contact@sednasystem.com).

### a. Parameters

Name	Description	Mandatory
id_boat	Name of the boat	Yes
refagt	Your broker ID	Yes

### a Attributes

Name	Description
id_opt_bt	id of the extra on the boat
id_opt	id of the extra
name	name of the extra
price	price of the extra
per	per stay, per day or per week
per2	per pax or per boat
quantity	quantity of extra possible for the boat
mand	0 : this extra is not mandatory, 1 : this extra is mandatory
payatbase	0 : this extra is payable now, 1 : this extra is payable at base
rate	if 1, the extra price is calculated as a rate of the total price of the boat less the discounts
id_country	Sedna Id of the country; If 0, this is the extras by default (when the id_country is not defined). Many fleets has one country. So, the value by default is 0 to define the extras.. Otherwise, if the boat change her base during the season. The fleet can define the extras for another country. In this case, it uses only the extras with the id_country 13.
type_opt	Type of the extra. The values are: « skipper » or « hostess » or « cook » or « skipper with security insurance » or « security insurance ». A security insurance has the same meaning than a damage waiver;
Pricemin	Minimum price of the extra
lst_id_cab_ligne	List of id_cab_ligne that use this extra

### b Example

[http://client.sednasystem.com/API/getExtras3.asp?id\\_boat=11534&refagt=dghs7219](http://client.sednasystem.com/API/getExtras3.asp?id_boat=11534&refagt=dghs7219)

1. Calculation for the Linen extra:

*name="Linen" price="20" per="stay" per2="boat" quantity="8" mand="0" payatbase="0" rate="0"*

It means that the linen extra can be selected up 8 Linens. If the client or the broker selects 8 for the quantity, the result will be: 20x8 = 160.

2. Calculation of a tax:

*name="Cruising tax" price="7" per="stay" per2="boat" quantity="1" mand="1" payatbase="1" rate="1"*

It means that the tax is 7% of the discounted charter price, the result will be for a charter price of 2500 with a discount of 300:

$(2500-300) \times 7\% = 154$  . This tax has to be paid at the base and it's mandatory.

### 3. Great Barrier Reef admin. Fees:

*name=" Great Barrier Reef admin. fees" price="6,552" per="stay" per2=" pax" quantity=" 0" mand="1" payatbase=" 0" rate=" 0" id\_country="29"*

It means that this fee is payable following the number of pax. If there is 6 pax, the price is  $6,552 \times 6 = 52,42$  €

The attribut quantity is not requested for this kind of calculation.

### 4. Some examples of calculation:

Assuming a charter with

- Discounted charter price= 1500€
- Duration=5 days
- Pax=6

Price	Per	Per2	Quantity	Rate	Calculation	Total Extra Price
20	day	pax	2	0	Price x days x Pax x Quantity	<b>1200€</b> (20x5x6x2)
20	day	boat	2	0	Price x days x Quantity	<b>200€</b> (20x5x2)
20	week	pax	2	0	Price x (7 mod days) -1 x Pax x Quantity	<b>240€</b> (20x1x6x2)
20	week	boat	2	0	Price x (7 mod days) -1 x days x Quantity	<b>40€</b> (20x1x2)
20	stay	pax	2	1	Discount Charter Price x Price/100	<b>300€</b> (1500x20/100)
20	day	pax	2	1	Discount Charter Price x Price/100	<b>300€</b> (1500x20/100)
20	day	boat	2	1	Discount Charter Price x Price/100	<b>300€</b> (1500x20/100)
20	week	pax	2	1	Discount Charter Price x Price/100	<b>300€</b> (1500x20/100)
20	week	boat	2	1	Discount Charter Price x Price/100	<b>300€</b> (1500x20/100)

## 9. List of the fleet operators

To get the list of your fleet operators.

### a. Parameters

Name	Description	Mandatory
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
ope_company	Company of the operator
id_ope	Id of the fleet operator
Defcurr	Currency by default
ope_tel	Phone
ope_email	Email
ope_address	Address
ope_zipcode	Zip code
ope_city	City
ope_country	Country
ope_site	Website
ope_comaftervat	If the value is 1, the fleet calculates the broker commission after the boat price without VAT
ope_maxdiscount	If the value is -1, the discounts rate has no limit. For instance, if 15, the limit discount is 15 %. <b>This limit is for information for the broker.</b> In some cases, the discounts rates can be over.
ope_name	Name of the owner
ope_fname	First name of the owner
isocurr	Currency used by the fleet operator.
rate	Rate used by the fleet operator for the currency IsoCurr. <b>The fleets update their exchange rates usually in September once per year. You can use your own rates, otherwise, please bear in mind you will have probably to deal with the fleet if there are a difference between your price and the fleet price.</b>
ope_comvat	Vat rate on the commission
ope_vatnum	Tax number
ope_taxoff	Tax office
bankinfo	Bank details

### c. Example

<http://client.sednasystem.com/API/getOperators.asp?refagt=dghs7219>



## 10. Languages

### a. Parameters

Name	Description	Mandatory
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
id_lang	Id of the language
name	Name of the language
countryiso3166	Main country of the language using the standard 3166
flag_link	Link to the main country of the language

### c. Example

<http://client.sednasystem.com/API/GetLanguages.asp?refagt=dghs7219>

## 11. List of the boats

To get the list of the boats of a fleet. You get the boat details, rates, picts and bases. The fleet updates usually the boat details once a year. So, it's not useful to import this data frequently.

The table rates in this page are "public" rates for a week during a period. For many fleets, there are some special rules for the rate calculation that are then applied to this table rates to get the default price of a boat.

**The attribut price is for your information to display on a website or other places. We don't recommend to calculate the price or the discounts by yourself. To get the accurate price, you must use the function default.api.asp.**

### a. Parameters

Name	Description	Mandatory
Refagt	Your broker ID	Yes
lg	0 (english)	No
id_country	Sedna Id of the country	No
ld_ope	Id of the fleet	Yes
datemaj	Display only the boat updated after the date "datemaj"	No
id_boat	Sedna id_boat of the boat	No
date_price	Date to get the price from the past. By default, it's the current date.	No

### b. Attributes

Name	Description
<boat>	
arrtime	arrival time on the base (Used for the crewed boat for all her bases (Homeport and bases). For the bare boat, please use ret_hour in <base>)
boatlicence	licence of the boat
boattaxoffice	tax office of the boat
bt_comment	Comment about the boat
bt_dbberth	number of double berths
bt_frontpeak	number of cabin in a front peak
bt_salon	number of salons (only the salons, not the extra berth inside)
bt_type	type of the boat (monohull, catamaran, etc...)
buildyear	year of build of the boat
caution	deposit amount of the boat
cautionwithsi	deposit amount when the security insurance is checked
class	class of the boat. Some fleets use a customized wording to define for example they age category like "Premier", "Super Premier".
crew	crewed or bareboat
crew_members	Number of possible crew members on the boat, same field than crew_pax
deptime	departure time on the base (Used for the crewed boat for all her bases (Homeport and bases). For the bare boat, please use dep_hour in <base>)
flag	flag of the boat
grt	gross ton
heads	number of toilets
id_boat	ID of the boat in SEDNA, this will be useful for the next step
id_model	ID of the model, please see the "List of models" section.
id_tbf1	ID combined of the boat and the base
insurance	insurance info
model	model of the boat, for example : catana 43
name	name of the boat

nbbathroom	number of bathrooms (deprecated : use “heads” instead of nbbathroom)
nbdbkcabin	number of double bunk cabins
nbdoucabin	number of double cabins (including nbdbkcabin)
nbper	Number of pax
nbsimcabin	number of single cabins (including bt_frontpeak)
net	net ton
portregistration	Registration port
reffitedyear	year when the boat has been refitted
registrationnum	registration number
std_model	standard model from the models list from SEDNA, the field “model” is managed by the fleet. The fleets copy his “model” for each boat from the standard one from SEDNA “std_model”. But they can change it slightly by adding an extra wording of the std_model. We recommend to use the std_model.
visible_cab	Boat available for the cabins charter
widthboat	length of the boat in Meters (not the beam)
widthboat_feet	length of the boat in Feets (not the beam)
id_ope	ID of the fleet
comagt	Broker commission. <b>Some fleets calculate the broker commission on the boat price after VAT. Please use the attribute ope_comafterVat in the function getOperators.asp</b>
crew_pax	Number of possible crew members on the boat, same field than crew_members
chps1	Special field for some fleets. Not relevant for the brokers.
<picts>	
link	Link to the boat pictures
<plan>	
link	Link to the boat layouts
<characteristic_topic>	
topic	Topic of the characteristics
<characteristic>	
id_opt_bt	id of the extra on the boat
id_opt	id of the characteristic
name	name of the characteristic
quantity	free text. Small description or quantity. This value can be “no”, the fleet wants to show that the equipment is not on the boat.unit of the characteristic
Unit	unit of the characteristic
<prices><price>	
datestart	Start date of the rates period
dateend	End date of the rates period
amount	Week price of the current period. This price is the gross price of the boat. This is the public price. This means that it includes the broker commission and the VAT. The mandatory extras and the discounts are not included in this price. <b>The attribut price is for your information to display on a website or other places. We don't recommend to calculate the price or the discounts by yourself. To get the accurate price, you must use the function default.api.asp.</b>
id_base	<b>For some fleets, during a season, some boats can move from a country to another country. The rates change following the place. Most of the fleets don't need this. This attribute appears only for these fleets.</b>
isocurr	Currency of the rates
id_pricecat	Id of the price table. This attribute is useful for some discounts rules.
<prices><price_crew>	If the boat is a crew, use the price coming from this tag. The crew price use the pax number from the attribute min_pax and max_pax.
datestart	Start date of the rates period
dateend	End date of the rates period

amount	Week price of the current period
id_base	For some fleets, during a season, some boats can move from a country to another country. The rates change following the place. Most of the fleets don't need this.
isocurr	Currency of the rates
min_pax	Minimum pax for this rate
max_pax	Maximum pax for this rate
<prices><discount >	
days	Number days to apply the long term discount
rate	Rate to apply to the long term discount
id_pricecat	Rates table ID
<homeport>	<b>A boat can have 2 or more homeport during a season</b>
name	Name of the boat homeport
id_base	<b>Id of the base of the homeport</b>
id_country	Id of the country of the homeport
id_pricecat	Id of the price table, when the boat is in this homeport, it uses the prices with the same id_pricecat. If the id_pricecat has the value "0", it means that all <price> will be applicable to that <homeport>
dep_hour	Time of the check in of the bare boat on this base. For the crewed boat, please use deptime.
ret_hour	Time of the check out of the bare boat on this base. For the crewed boat, please use arrtime.
<base>	
name	Name of the base
id_base	Id of the base
oneway_cost	Fee to bring the boat from the homeport to this base
dep_hour	Time of the check in of the bare boat on this base. For the crewed boat, please use deptime.
ret_hour	Time of the check out of the bare boat on this base. For the crewed boat, please use arrtime.
<linked_base>	
id_base	Id of the base where the boat can go from the current base
<availability><avail_period>	
datestart	Start date of the availability of the boat for this homeport
dateend	End date of the availability of the boat for this homeport
daystart	Possible starting week day of the boat (0: all week day; 1: Sunday;2: Monday....7: Saturday); Examples : "0" or "6, 7" or "1, 2, 3, 4, 5,"
multiple7	The fleet force to rent the boat 7 days, 14 days or 21 days. For example, to book 10 days, the price is calculated on 14 days.
miniday	Minimum days of duration of a booking
availabilitynow	0 : the boat is on request. 1 : the confirmation is immediate.
departure_bases	Possible departure bases of the boat
arrival_bases	Possible arrival bases of the boat. <b>The homeport is always a possible arrival base of the boat. It's not displayed in this tag.</b>
<boat_crew>	Only for crew boat
<menu>	
comment	Description of the menu
titre	Title of the menu
contenu	Content of the menu
<cdcomment>	
cditi	Itinerary
cdboatdesc	Boat description
cdtestim	Testimonial
cdcrewcomment	Comment about the crew

<cdcaptain>	
cdcaptain_comment	Presentation of the captain
cdcaptain_name	Name of the captain
cdcaptain_firstname	First name of the captain
cdcaptain_nationality	Nationality of the captain
<cdhostess>	
cdhostess_comment	Presentation of the hostess
cdhostess_name	Name of the hostess
cdhostess_firstname	First name of the hostess

### c. Example

[http://client.sednasystem.com/API/getBts4.asp?refagt=dghs7219&id\\_ope=36&id\\_country=2](http://client.sednasystem.com/API/getBts4.asp?refagt=dghs7219&id_ope=36&id_country=2)

Example with the last update date:

[http://client.sednasystem.com/API/getBts4.asp?refagt=dghs7219&id\\_ope=36&id\\_country=2&datemaj=2013-06-10](http://client.sednasystem.com/API/getBts4.asp?refagt=dghs7219&id_ope=36&id_country=2&datemaj=2013-06-10)

Example to get the boat detail of just one boat :

[http://client.sednasystem.com/API/getBts3.asp?id\\_boat=11534&refagt=dghs7219](http://client.sednasystem.com/API/getBts3.asp?id_boat=11534&refagt=dghs7219)

If there is not defined base. It means that the boat can only start from his homeport and return to his homeport.  
No other ways are possible.

## 12. List of the models

To get the list of the models used by your operators.

### a. Parameters

Name	Description	Mandatory
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
id_model	ID of the model
model	model name
nbdoucabin	number of double cabins (including nbdbkcabin)
nbsimcabin	number of single cabins (including bt_frontpeak)
heads	number of toilets
nbdbkcabin	number of double bunk cabins
nbdbedcabin	number of double cabins (without double bunk cabins); nbdoucabin - nbdbkcabin
bt_frontpeak	number of cabin in a front peak

### c. Example

[http://client.sednasystem.com/API/GetBt\\_model.asp?refagt=dghs7219](http://client.sednasystem.com/API/GetBt_model.asp?refagt=dghs7219)

## 13. List of the special offers

To get the list of the special offers. A special offer is most of the time an one way. You must distinguish it from the discount rules. They don't appear in the standard search (default.api.asp) since they can do only a way between 2 determinated bases.

### a. Parameters

Name	Description	Mandatory
Refagt	Your broker ID	Yes
srh_dest	With the value you can get in the page "Destinations, countries" for a destination, you have to amend "d" before the id_dest, for a country, you have to amend "c" before the id_country. Example : d2 for Mediterranean sea or c1 for Seychelles	No
datestart	Only the blocks after the date "datestart". Format: YYYY-MM-DD	No
dateend	Only the blocks before the date "dateend". Format: YYYY-MM-DD	No
SRH_Type	Type of the boat, possible values: "catamaran", "monohull", "motor boat", "powered catamaran", "gulet", "trawler", "trimaran"	No
SRH_Price_Min	Min value of the final price	No
SRH_Price_Max	Max value of the final price	No
SRH_Pas_Min	Min value of search for number of persons	No
SRH_Pas_Max	Max value of search for number of persons	No
SRH_Cab_Min	Min value of search for number of cabins	No
SRH_Cab_Max	Max value of search for number of cabins	No
SRH_BYear_Min	Min value of search for build year of the boat (year of construction)	No
SRH_BYear_Max	Max value of search for build year of the boat (year of construction)	No
SRH_Type	Type of the boat, possible values: "catamaran", "monohull", "motor boat", "powered catamaran", "gulet", "trawler", "trimaran"	No
SRH_Long1	Minimum length of the boat	No
SRH_Long2	Maximum length of the boat	No
Offset	The position of the result to display.	No
Limit	Number of results to display. By default, if offset is defined, the nbresult is defined to 10.	No

### b. Attributes

Name	Description
id_os	ID of the special offer in SEDNA
id_boat	ID of the boat in SEDNA
model	Model of the boat
discount	Discount rate
old_price	Price before discount. If there is no discount for the requested dates. The value is "0".
new_price	Price after discount

start_id_base	Sedna Id of the start base
end_id_base	Sedna Id of the end base
datestart	Start date of the charter
deptime	Departure time of the charter (Used for the crewed boat. For the bare boat, please use dep_hour in <base>)
dateend	End date of the charter
arrtime	Arrival time of the charter (Used for the crewed boat. For the bare boat, please use ret_hour in <base>)
<pict>	
link	Link of the picture of the boat
<values>	Values can be used to filter the results
price_min	Minimum price
price_max	Maximum price
pas_min	Minimum of passengers
pas_max	Maximum of passengers
cab_min	Minimum of cabins
cab_max	Maximum of cabins
byear_min	Minimum of the build year
byear_max	Maximum of the build year
long1	Minimum of the width boat
long2	Maximum of the width boat
limit	Limit of the offset (number of results per page)
glbl_nbresults	Global number of results
Start_name	Departure name
End_name	Arrival name

### c. Example

<http://client.sednasystem.com/API/getSpecialOffers2.asp?refagt=dghs7219>



## 14. List of the types

To get the list of the types used by your operators.

### a. Parameters

Name	Description	Mandatory
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
type	type name

### c. Example

[http://client.sednasystem.com/API/GetBt\\_type.asp?refagt=dghs7219](http://client.sednasystem.com/API/GetBt_type.asp?refagt=dghs7219)

## 15. Insert a client

You can get the `id_client` needed for the section “Insert a request of Booking/Option”.

### a. Parameters

Name	Description	Mandatory
choix	the value is always “agt”	Yes
Login	Client login in SEDNA	No
Pass	Password	No
Pass2	Password to check	No
Salutation	Number : 0 = Mrs; 1 = Miss; 2 = Mister	No
Name	Name of the client	Yes
FirstName	First name of the client	No
Date_naiss	Date of birth of the client	No
Address	Address of the client	No
Address2	Address 2 to complete the main address above if necessary	No
ZipCode	Zip code of the client	No
City	City of the client	No
Country	Country of the client	No
Tel	Phone number of the client	No
Fax	Fax number of the client	No
Email	Email of the client	No
Tel_office	Phone number at the client office	No
Email2	Second email of the client	No
Cell	Cell phone number of the client	No
Lang	Client language, integer, see “Languages” section in the API Broker XML document	No

All these parameters are text, excepted “salutation” and “Lang”.

You have to check in your side if the client inserts the same password, correct format for email.

In SEDNA side, the possible error messages on the sedna page are:

- if *email* has not the correct format
- if *pass* is different from *pass2*
- if *name* is empty.

### b. Attributes

Name	Description
Id	Id of the client
Login	Login of the client
Password	Password of the client

### c. Example

Example of an insertion of the client name “democlient” in your broker account:

<http://client.sednasystem.com/api/insertclient.asp?name=democlient&choix=agt&refagt=dghs7219>

## 16. Insert a request of Booking/Option

You can insert a booking or an option. This function is not mandatory but we strongly recommend integration of it on your side.

### a. Parameters

Name	Description	Mandatory
id_tbf1	ID of the boat combined with his base. This ID can be found in getBTS3.asp and default.api.asp	Yes
direct_insert	The value is always "true", mandatory to enable the XML	Yes
typ_command	The value is always "ope", mandatory to enable the XML	Yes
pay_status	0 : REQUEST OF BOOKING; 1 : REQUEST OF OPTION;	Yes
id_client	ID of the client, you need to insert the client before in SEDNA, please see the section "Insert a client" in this document	Yes
refagt	Your broker ID	Yes
<b>Only for bare boat/crewed charter</b>		
SRH_datestart	departure date	Yes
SRH_DateEnd	arrival date	Yes
OptId	Id of the extras needed for the booking or the option, see "Extras of the boat" section in the API Broker XML document, this is a list. Each ID is separate by a comma and a space character like : "XXX, YYYY, ZZZZ"	No
OptKanXXXX	Quantity of the extra. XXXX has to be replaced by id_opt	No
id_base_dep	Id of the base of departure	Yes
Id_base_arr	Id of the base of arrival	Yes
pax	Number of pax for the charter, always greater than 0. Pax is the same as passenger or guest.	Yes
<b>Only for cabin charter</b>		
Cabpax1	Number of person in a double cabin	
Cabpax2	Number of person in a single cabin	Yes
id_cab	ID of the cabin cruise. Same as the id_nab.	Yes
<b>Only for special offer</b>		
Id_os	ID of the special offer	Yes

### b. Attributes

Name	Description
Number	Booking number
Price	Total price of the booking (Price including the discounts, one ways and mandatory or selected extras)
Status	Status of the charter
Expdate	Expiration date (only for the status OPTION)
Comagtrate	Rate of the commission used for this charter
Comagtmount	Amount of the commission calculated for this charter
id_block	ID of the block (Option or booking), same than id_command

### c. Examples

This example below works only if your broker account is linked to the demo operator. If you get a white page, please contact us to be linked to the demo operator.

**The booking or option request are considered as a real request by the fleet and the broker will be responsible for it; hence, the booking request cannot be considered as a simple trial but as a part of a real reservation process.**

Bare boat/Crewed example:

[http://client.sednasystem.com/api/insert\\_charter.aspx?](http://client.sednasystem.com/api/insert_charter.aspx?id_base_dep=56&id_base_arr=56&id_tbf1=16202&direct_insert=true&typ_command=ope&id_client=384282&pax=2&pay_status=0&SRH_datestart=2017-04-29&SRH_DateEnd=2017-05-06&OptId=3936,3935&OptKan3936=1&OptKan3935=1&refagt=dghs7219)

[id\\_base\\_dep=56&id\\_base\\_arr=56&id\\_tbf1=16202&direct\\_insert=true&typ\\_command=ope&id\\_client=384282&pax=2&pay\\_status=0&SRH\\_datestart=2017-04-29&SRH\\_DateEnd=2017-05-06&OptId=3936,3935&OptKan3936=1&OptKan3935=1&refagt=dghs7219](http://client.sednasystem.com/api/insert_charter.aspx?id_base_dep=56&id_base_arr=56&id_tbf1=16202&direct_insert=true&typ_command=ope&id_client=384282&pax=2&pay_status=0&SRH_datestart=2017-04-29&SRH_DateEnd=2017-05-06&OptId=3936,3935&OptKan3936=1&OptKan3935=1&refagt=dghs7219)

Cabin example:

[http://client.sednasystem.com/api/insert\\_charter.aspx?](http://client.sednasystem.com/api/insert_charter.aspx?direct_insert=true&typ_command=ope&id_client=384282&Cabpax2=2&pay_status=0&id_cab=67242&refagt=dghs7219)

[direct\\_insert=true&typ\\_command=ope&id\\_client=384282&Cabpax2=2&pay\\_status=0&id\\_cab=67242&refagt=dghs7219](http://client.sednasystem.com/api/insert_charter.aspx?direct_insert=true&typ_command=ope&id_client=384282&Cabpax2=2&pay_status=0&id_cab=67242&refagt=dghs7219)

#### **d. Return messages**

If the boat is available the return status could be:

BOOKING

OPTION

REQUEST OF BOOKING

REQUEST OF OPTION

“BOAT NOT AVAILABLE FOR THESE DATES”

please change the dates in the parameters SRH\_Datestart and SRH\_Dateend. You can cancel a request of Option or Booking in your broker secure zone also.

“BOAT NOT FOUND FOR THIS COUNTRY”

“BOAT NOT AVAILABLE FOR THE DEPARTURE PORT”

“BOAT NOT AVAILABLE FOR THE ARRIVAL PORT”

Error message like 320 “Object moved”. Please check your code or server settings to allow the redirection in the API.

For PHP, you must set with this command:

```
curl_setopt($curl, CURLOPT_FOLLOWLOCATION, true);
```

## 17. Agent details

You can get the agent details entered in SEDNA. This function is available only for the broker with the full broker pack.

### a. Parameters

Name	Description	Mandatory
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
<b>agent</b>	
agt_company	Company name
dt_clt_lg	Client language by default
agt_name	Name
agt_fname	First name
DefCurr	Currency by default
agt_tel	Phone number
agt_email	Email
agt_address	Address
agt_zipcode	Zip code
agt_city	City
agt_country	Country
agt_site	Website
agt_refagt	Refagt
agt_logo	Logo
clt_lang	List of possible client languages
agt_lang	Language of the agent
agt_codepp	Code Paypal
<b>currencies</b>	
IsoCurr	Currency used by the agent
rate	Rate used by the agent
cabrate	Rate for the cabin

### c. Example

<http://client.sednasystem.com/API/getAgentDetails2.asp?refagt=dghs7219>

## 18. Selection of the fleets for the API

You can select the fleets you need to display in the API. You must log into your broker secure zone. Click on “search engine”. Click on the small icon “parameters”. In the new page, you can check or uncheck the fleet you need and you click on the button “Click here to save your change”.

Homepage Planning Fast Planning Booking list Satisfaction survey Personal Details Special offers Boat control Help Users Proposals **Search engine** Cabin charter Logout

Put bookings/options on several fleet operators

Operator Indifferent Start date Sat 27/06/2015

Destinations Indifferent Period 7 days

Country Indifferent Boat model Indifferent

Start port Indifferent Boat type Indifferent

End port Indifferent Cabins Indifferent

Search

Key(s)

- Choose the fleets you prefer to display on the search engine.
- Send-us your feedback.
- Check boxes on the left to select one or more boats.
- Move your mouse to catch more informations. (Boats prices)
- Select discount by clicking on BS, RC, GRP boxes. (Bo show discount, Repeater Client, Group discount)
- Select details to open the booking details.
- Contact the hotline by email here: [Technical hotline](#)

### Languages



		<input type="checkbox"/>	<input type="checkbox"/>
Fleet		Boat SearchEngine	API XML boat charter
1.	<a href="#">+39 Charter</a>	3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.	<a href="#">Aegean Cruises</a>	5 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.	<a href="#">Aegean Sails</a>	1 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.	<a href="#">Alboran Charter</a>	69 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.	<a href="#">Alia Yachting</a>	13 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.	<a href="#">Alquila Vela - MedCaribbean</a>	50 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.	<a href="#">Anamore Yachting</a>	9 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8.	<a href="#">Antomar</a>	13 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 19. Login 2.0

New functions in the API in Json format need a token as parameter.

You can use this function to get a token, its duration is 12 hours.

### a. Parameters

Name	Description	Mandatory
L	Login	Yes
P	Password	Yes
appname	Name of the app. The value to use: apiboatcharter	Yes

### b. Attributes

Name	Description
<b>&lt;login&gt;</b>	
result	True if the login is granted, if not, there is an error message.
id_log	Log Id of the user
auto	Type of user, please see the section "Authorization type"
auto_type	Type of user
id_agt	Id of the agent
id_ope	Id of the operator
id_cli	Id of the client
Lang	Language of the user
<b>&lt;token&gt;</b>	
datetoken	Date of creation of the token
result	True if the token is available
authtoken	Token
<b>&lt;user&gt;</b>	
name	Name of the compay manager
fname	First name of the company manger
ref	Refagt or refope of the company
logo	Logo of the company
<b>&lt;subscription&gt;</b>	
proposal	Broker Subscription to the proposal tool (0:inactive 1:active)

### c. Example

<https://client.sednasystem.com/API/getaccess.asp?l=XXXXX&p=XXXXX&appname=apiboatcharter>

## 20. Command menu

You can get the list of possible menu of a booking.

### a. Parameters

Name	Description	Mandatory
etap	Etatf	Yes
id_command	Id of the command (same than id_block)	Yes
typ_command	Type of command. Agt : comment between the agent and the client; Ope : command between the operator and the agent or command between the operator and his direct client.	Yes
etatfiche	Status of the command	Yes
token	Token	Yes
mfor	To limit menu items (app, bookingdetail ) <b>use app here</b>	Yes
appname	Name of the app. The value to use: apiboatcharter	Yes

### b. Attributes

Name	Description
Cat	Category 'Action', 'Confirmation' or Null – used in the “Command action” part - Confirmation: a confirmation is needed from the user (like to cancel something: “are you sure ? YES/NO” the YES will lead to a call the same “Command Action” with replacing ‘confirmation’ by ‘Action’) - Action: no confirmation is needed from the user. Some items won't have a 'cat' attributes
id	Parameter deprecated
Labl	Name of the action
Libl	Wording of the action
Cact	Action/Confirmation parameter – used in the “Command action” part.
Icon	Parameter deprecated - Only used inside Sedna's website
Colr	Color of the status (if the result is a status change, like Cancel/Request)

### c. Example

<http://client.sednasystem.com/API/sdn-bklist-json-v2.0.asp?>

[etap=menu&id\\_command=XXXXX&typ\\_command=oep&etatfiche=5&mfor=app&token=XXXXXX&appname=apiboatcharter](http://client.sednasystem.com/API/sdn-bklist-json-v2.0.asp?etap=menu&id_command=XXXXX&typ_command=oep&etatfiche=5&mfor=app&token=XXXXXX&appname=apiboatcharter)



## 21. Command action

You can make many action on a booking (Request, Book, Cancel) directly or with a confirmation from the user. Without confirmation (cat 'Action'), call the API and receive the code/message returned (failed or success) With confirmation (cat 'Confirmation'), call the API and receive a list of new 'Command menu' results and a confirmation message to display. We strongly recommend to test all the actions with the test fleet named "Sedna fleet test".

### a. Parameters

Name	Description	Mandatory
etap	Value: "ChangeStatus"	Yes
id_command	Id of the command (same than id_block)	Yes
typ_command	Type of command. Agt : command between the agent and the client; Ope: command between the operator and the agent or command between the operator and his direct client.	Yes
cat	Category of action to perform (given by 20.b.act Action or Confirmation)	Yes
cact	Action to perform (given by 20.b.cact) You can have different possible actions for each booking. Sedna gives you the possible actions in the attribute cact with the function the command menu 20.b.cact.	Yes
retour	Value : json	Yes
Token	Token	Yes

### b. Attributes

Name	Description
CSdone.cod	Internal code : 101 : OK ; 501 : not OK.
CSdone.msg	Returned message
CSdone.idc	Id of the command

### c. Example

[http://client.sednasystem.com/API/sdn-bklist-json-v2.0.asp?  
cact=XXXXXX&etap=ChangeStatus&id\\_command=XXXXXX&retour=json&typ\\_command=ope&token=XXXXXXXXX  
&appname=apiboatcharter&cat=action](http://client.sednasystem.com/API/sdn-bklist-json-v2.0.asp?cact=XXXXXX&etap=ChangeStatus&id_command=XXXXXX&retour=json&typ_command=ope&token=XXXXXXXXX&appname=apiboatcharter&cat=action)

## 22. Available bases

You can get the available bases for a boat for 2 dates.

### a. Parameters

Name	Description	Mandatory
id_boat	SEDNA id of the boat	Yes
srh_dateStart	departure date	Yes
srh_dateEnd	arrival date	Yes
refagt	Your broker ID	Yes

### b. Attributes

Name	Description
<base>	
id_base	id of the base
checked	base selected by default
disabled	0 : available ; 1 : not available
name	name of the base
cost	one way cost from the homeport of the boat

### c. Example

[https://client.sednasystem.com/API/getBasesAvailable.asp?id\\_boat=11534&srh\\_dateStart=2016-04-30&srh\\_dateEnd=2016-05-07&refagt=dghs7219](https://client.sednasystem.com/API/getBasesAvailable.asp?id_boat=11534&srh_dateStart=2016-04-30&srh_dateEnd=2016-05-07&refagt=dghs7219)

## 23. Client details

You can get the details of a client.

### a. Parameters

Name	Description	Mandatory
Id_client	ID of the client	Yes
cli_email	Email of the client. <b>Mandatory if Id_client is not defined.</b>	No
Token	Token of the agent of the client	Yes

### b. Attributes

Name	Description	
cli_name	Name	
cli_fname	First name	
cli_company	Company name	
cli_tel	Phone	
cli_email	Email	
cli_address	Address	
cli_zipcode	Zip code	
cli_city	City	
cli_country	Country	
cli_agtope_company	company name of the Agent/Operator of the client	
cli_agtope_phone	Phone of the Agent/Operator of the client	
cli_agtope_mail	Mail of the Agent/Operator of the client	
cli_id	ID of the client	

### c. Example

Search by id\_client:

[http://client.sednasystem.com/API/getClientDetails.asp?id\\_client=448345&token=XXXX](http://client.sednasystem.com/API/getClientDetails.asp?id_client=448345&token=XXXX)

Search by cli\_email:

[http://client.sednasystem.com/API/getClientDetails.asp?cli\\_email=client@client.com&token=XXXX](http://client.sednasystem.com/API/getClientDetails.asp?cli_email=client@client.com&token=XXXX)