

XML data, files	2
XML Data file format	3
Periods that are taken (reservation can't be made for)	6
Accommodation images.....	7
List of geographical locations	8
Detail preview.....	9

XML data, files

XML data comes in different files, one for each language and accommodation type.

Files will be available at [http://www.adriatica.net/xml/\[acctype\]_\[lang\].zip](http://www.adriatica.net/xml/[acctype]_[lang].zip) URL.

Valid [acctype]s are:

- agro – for agrotourism
- cruz – for cruises
- rentscar – for rent'a'car
- sailboat – for sailboats
- sailingschool – for sailing school
- lighthouse – for lighthouses
- ski – for ski offer
- hotels – for hotels
- private – for private accommodation
- villas – for villas

and [lang]uages are

- en – english
- fr – french
- ita – italian
- de – german
- cz – czech
- slo – slovenian
- pl – polish
- hr – croatian
- hu – hungarian
- sk – slovak
- es - spanish

Example:

If you wish to get the data for private accomodation and hotels in german language then you need to retrieve two files

http://www.adriatica.net/xml/private_de.zip

http://www.adriatica.net/xml/hotels_de.zip

XML Data file format

Short description of used XML data tags

```
<ACC>
// can contain one or more ACC_OBJ tags, which represents actual object (i.e. Hotel).
// one ACC_OBJ tag can contain other ACC_OBJ tags nested within.
// there can be many ACC_OBJ tags nested within existing ACC_OBJ tag.
// idc and ids are special reference numbers and are needed when making reservation (at this point it is only important that you will need
// those numbers in reservation process)
// tax – sojourn tax description. Possible values are 0, 1, 2 or 3.
// 0 - has to be calculated
// 1 - included in the price
// 2 - free of charge
// 3 - has to be payed on spot
// webcategory="small" - this attribute appears only for small hotels
<ACC_OBJ id="char" idc="num" ids="num" name="Hotel OPATIJA" tax="num" webcategory="small">
  <DESTINATION id="1001083890-0">Opatija</DESTINATION>
  // can contain only one ATTRIBUTES tag, represents the collection of (i.e. hotel) attributes
  // distance from the town center, beach etc.
  <ATTRIBUTES>
    // following are the actual attributes, each ATTR represents one attribute,
    // in the form of Question and Answer
    // can contain only one of them or both (QA,Q,A)
    // id of an attr is a unique id for this type of accommodation
    // in some cases you will notice a «$» sign within the Q-string, it represents the place where the A-string should be put
    // in order to get a humanly readable «sentence» like string
    <ATTR id="num-num"><Q>string</Q><A>string</A></ATTR>
  </ATTRIBUTES>
  // definition of prices defined for object (i.e. hotel)
  // validfor – it represents the year in format “YYYY” for which prices inside <p> tags are valid
  <PRICES validfor="int">
    // prices are defined for each service, id is unique service identifier
    // id – unique identifier for this service
    // type – U – primary service (can be only one per reservation, i.e. overnight accommodation)
    // - D – additional service (can be 0 or more per reservation, i.e. breakfast or lunch)
    // subtype – subtype comprises one or two letters, "d" number of nights, "o" number of persons, "K" number of pets
    // or asterisk "*" which means that this is a mandatory additional service (like final cleaning on charters and hotels).
    // Letters "o" and "d" can be in uppercase ("K" is always in uppercase) and then their meaning is changed.
    // Lowercase letters means that for this additional service you don't have to ask guest for details concerning number of
    // persons or number of days, as they are taken from the reservation entry itself.
    // Uppercase letters means that you have to explicitly ask the guest for the number of persons or the number of days.
    // Possible combinations are "od/o/d/D/Do/O/Od/Kd".
    // i.e. if some accommodation is charged by the day, then attribute subtype is without letter "o", because we are not
    // interested in number of persons, only number of days.
    <SERV id="num-num" type="U/D" subtype="od/o/d/D/Do/O/Od/Kd">
      <DESC>service description, i.e. Half board</DESC>
      // prices for each period
      // min_nights – price can be applied only if the total number of night on reservation is greater or equal to this number
      // no_of_person – price can be applied only if the number of persons on reservation is not less than this number
      // start_dows - represents that service (beginning of reservation) can be only days of the week as indicated by this field
      // 1 – Sunday, 2 – Monday, 3 – Tuesday, ..., 7 – Saturday
      // for example, if this field is __3__7 service can start only on Tuesday and Saturday
      // price – in EUR.
      // price_type – OD – price is per person per night
      // OT – price is per person per week
      // O - per person
```

```

//      D - per night
//      T - per week
//      R - price is per reservation
// MODIFIED – last date when this entry was modified, in format “YYYY-MM-DD hh:mm:ss.sss”
<P start="MM-DD" end="MM-DD" min_nights="n" no_of_person="n" start_dows="1234567" price="d" price_type="OD/OT/O/D/T/R" MODIFIED="2005-04-06 09:51:00.490">
</SERV>
</PRICES>
// can have one or more accommodation units, reservation is made for this actual units, this object represents APPARTMENTs or ROOMs...
// reservation must be made only for those
// id – unique identifier of this accomodation
// type – represents the actual type
//   for private accomodation
//     B_B   - bed and breakfast
//     SOBA  - room
//     APARTMAN - apartment
//     KUCA  - house
//   for hotel accomodation
//     H_SOBA - room
//     H_APARTMAN – apartment
//   for lighthouses
//     S_APARTMAN – apartment
//   for sailboats
//     JEDRILICA - sailboat
//   for agrotourism
//     SOBE      - room
//     APARTMANI - apartment
//     KUCE      - house
//   for rent'a car
//     AUTO      - car
//   for skiing
//     PH SOBE   - room (in a hotel)
//     PH APARTMANI – apartemnt (in a hotel)
//     PS SOBE   - room (in private acc.)
//     PS APARTMANI – apartment (in private acc.)
//     PS KUCE   - house (in private acc.)
//   for cruise
//     RUTA      - cruise
//   for sailing school
//     TECAJEVI - sailing school course
// idc and ids are special reference numbers and are needed when making reservation (at this point it is only important that you will need
// those nubers in reservation process)
<ACC_UNIT id="char" type="char" idc="num" ids="num" online="num">
// ACC_UNIT will contain ATTRIBUTES and PRICES tags that have exactly the same definition as the one contained in ACC_OBJ part
// online parameter describes the unit as one that can be booked without waiting for confirmation from adriatica.net
//   (if the starting date of reservation is at least 8 days from today current date+7<=start_date )
// in addition ACC_UNIT can have ACC_ROOM tag which is present only for accomodation of type APARTMENT which can have rooms
<ACC_ROOM id="char">
  <ATTRIBUTES>
    // contains attributes for one actual room in apartment
  </ATTRIBUTES>
  // prices can not be present for this type of accomodation
</ACC_ROOM>
//
// ALOT section represents conditions for booking without waiting for confirmation from adriatica.net
// - each A section represents one compound condition, if conditions from at least one A section are satisfied booking will
// be made without having to wait for confirmation from adriatica.net
<ALOT>
  // id – unique id

```

```

// start_date
// end_date - A section is valid only if start_date <= reservation_start < reservation_end <= end_date
// valid_from
// valid_till - A section is valid if valid_from <= current date <= valid_till
// ann_days - A section is valid if days(current date, reservation_start) > ann_days
// mod_days - MOD( days(reservation_start, reservation_end) , mod_days)=0
// no_of_person - valid only for making reservation for that number of people (0 - any number of people is valid)
// min_days - days(reservation_start, reservation_end) >= min_days
// start_dows - valid only if reservation starts on given days of the week
// 1 - Sunday, 2 - Monday, 3 - Tuesday, ..., 7 - Saturday
// for example, if this field is __3__7 service can start only on Tuesday and Saturday
// sruvid - string in format string(num,'-',num). It represents id of primary service that is listed in pricelist. A.sruvid = SERV.id where SERV.type="U".
// If sruvid="-" then alotment applies to whatever primary service that is listed in pricelist, otherwise it is valid only for stated primary service.
<A id="860-9" start_date="2004-05-28" end_date="2004-06-30"
  valid_from="2004-05-28" valid_till="2004-12-31"
  ann_days="3" mod_days="1" no_of_person="0"
  min_days="1" start_dows="1234567" sruvid="-" />
<A id="861-9" start_date="2004-09-01" end_date="2004-12-31"
  valid_from="2004-05-28" valid_till="2004-12-31"
  ann_days="3" mod_days="1" no_of_person="0"
  min_days="1" start_dows="1234567" sruvid="1-2" />

```

</ALOT>

// DISCOUNTS are defined for ACC_UNIT. They are automatically calculated when someone satisfies certain conditions, so you don't have to worry if some discount will be applied or not.

// They are listed just for preview.

<DISCOUNT>

// id - unique id

// start - start date in format DD.MM.

// end - end date in format DD.MM.

// value of D is description of discount

<D id="145-9" start="03.01." end="28.12.">10% one adult on additional bed</D>

</DISCOUNT>

</ACC_UNIT>

</ACC_OBJ>

</ACC>

Periods that are taken (reservation can't be made for)

Booked periods can be retrieved at the url http://www.adriatica.net/xml/booked_out.xml

If you retrieve this file programmatically (and you should) you should set the Connection http header to «close».

File contains one ACC_UNIT tag, with one or more UNIT tags

UNIT tag represents one actual accommodation unit and its «id» corresponds with «id» field of ACC_UNIT tag (see previous page, XML Data file format)

UNIT can contain only one DO_NOT_BOOK section, with one or more P (for period) tags

P tag has two important fields (B and E) which represent BEGIN and END of a period (in a YYYY-MM-DD format).

Example:

Let say that you want to make a reservation for DS-0217-1-A2

You want to come there at 2005-08-05 and leave 2005-08-27

First we count nights, therefore you get to sleep in that accommodation on

08-05, 08-06, 08-07, ... , 08-26 but not 08-27 (this doesn't count for this purpose)

so we observe the period 2005-08-05 till 2005-08-26

and we can easily see that this period is not free to be booked (it is taken by some other guest in period 2005-07-23 till 2005-08-05, and that one day is the problem)

let's say that after this you decide to change your period to 2005-08-06 till 2005-08-28

actual nights are 2005-08-06 till 2005-08-27 and this period is also taken by someone else (2005-08-27 till 2005-09-09)

Simply put, if any of the nights of your period overlaps with any period listed in DO_NOT_BOOK section reservation can not be made

```
<ACC_UNITS>
  <UNIT id="DS-0217-1-A2" idc="" ids="">
    <DO_NOT_BOOK>
      <P id="1" B="2005-07-23" E="2005-08-05" />
      <P id="2" B="2005-08-27" E="2005-09-09" />
    </DO_NOT_BOOK>
  </UNIT>
  ...
</ACC_UNITS>
```

If you want to get information about availability for just one accommodation unit you can request http://www.adriatica.net/xml/booked_out.xml?IDC=32199&IDS=9, (this is an example, for IDC, and IDS you should use values specified in ACC_UNIT tag)

File named bookedOut.zip also contains booked out periods but for all accommodation units, not just one. It is generated on a daily basis. and can be downloaded from <http://www.adriatica.net/xml/bookedOut.zip>

One have to bare in mind that this .zip file could be used only as basis (initial state of “do not book” periods) because it doesn't contain booked out periods that were created during the day. So, good practice would be to use it in combination with [booked_out.xml?IDC=\[int\]&IDS=\[int\]](http://www.adriatica.net/xml/booked_out.xml?IDC=[int]&IDS=[int]) that contains current state of booked out periods for required ACC_UNIT.

Accommodation images

Images can be retrieved at http://www.adriatica.net/aiml?{ACC_UNIT_ID}/{pictureid}{picturesize}

ACC_UNIT_ID – same as ACC_UNIT ID property in XML data file

picturesize –

- v – big
- m – small (preview)

pictureid –

- V – main picture
- K – kitchen
- P – view from accommodation
- S – room
- C – toilet
- D – living room
- Other letters also can be used for other pictures

Pictures from gallery

http://www.adriatica.net/aiml?{ACC_OBJ_ID}-gal/{1-N}

ACC_OBJ – same as ID property from ACC_OBJ in XML data file

1-N – can be any number from 1 to 99

If the image does not exist, default empty image is returned with http header DEFAULTIMAGEUSED set to TRUE.

List of geographical locations

This list can be retrieved at [http://www.adriatica.net/xml/geo_\[lang\].xml](http://www.adriatica.net/xml/geo_[lang].xml)

i.e. http://www.adriatica.net/xml/geo_en.xml shows list in english language.

It contains the list of all areas (regions) and the list of cities within.

i.e.

```
<GEO>
  <AREAS>
    <AREA id="27-2" value="Lika">
      <CITY id="1001237715-9">Krasno (Senj)</CITY>
      <CITY id="1001233899-2">Plitvice Lakes</CITY>
    </AREA>
  </AREAS>
</GEO>
```

In xml data files you can obtain DESTINATION.id (i.e. "3-1") of desired accomodation

```
<ACC_OBJ id="BP-0004-1" idc="16" ids="1" name="APARTMANI ĆURIC">
  <DESTINATION id="3-1">Trogir</DESTINATION>
```

and then you can match this id in the geo_[lang].xml file (DESTINATION.id=CITY.id) to obtain region.

Detail preview

Detail preview of accomodation unit can be retrieved forming link below:

[http://www.adriatica.net/aff/showinfo_\[lang\].htm?AC=\[int\]&AS=\[int\]&OC=\[int\]&OS=\[int\]](http://www.adriatica.net/aff/showinfo_[lang].htm?AC=[int]&AS=[int]&OC=[int]&OS=[int])

Parameters AC and AS are integer values given to each subagent by Adriatica.net that uniquely represents every subagent.

Parameter OC is integer value of the "idc" attribute inside the <ACC_UNIT> xml tag.

Parameter OS is integer value of the "ids" attribute inside the <ACC_UNIT> xml tag.

These 4 parameters are mandatory.