## e-domizil

# XML-Standard-Import-Guide

Version .2.01 23.03.2012



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#### 1. Introduction

With this XML Standard-Import-Interface we offer you the opportunity to import and present your properties on e-domizil.

For the import we need three files:

- master data: objects.xml;
- prices, seasons, extra costs, discounts: prices.xml;
- availabilities: availability.xml.

The size of the files is limited to a maximum of 1.000 properties per file. If you want to export more than 1.000 properties please provide several files with the following names:

```
objects_1ofN.xml
objects_2ofN.xml
...
objects_NofN.xml
```

The data has to be UTF-8 encoded.

Please provide the data on your ftp server or via link, ideally in a zipped format. Please consider the definite and static names of the files (see above).

The update routines can be scheduled according to your requirements. Please let us know how often and when you update your information.

In the following guide the structure of the above mentioned files will be described.



#### 2. Master data (objects.xml)

In the xml file for the master data the properties (units) will be provided in the following format:



Picture 1: structure objects.xml

The different properties "units" will be listed under the main element "units". There can only be one "unit" element per property. The main element "unit" has the following attributes:

unitownerid number of the provider (will be provided by e-domizil)internalunitid property number of the providerinternalunitid2 property number of the provider2 (optional)



The combination of internal unitid and internal unitd2 has to be definite.

container always: "property\_view"

language default language of the text data; default is German, if the

attribute is empty.

One unit contains the following **elements**:

property\_type property type, allowed values: 1 = holiday home, 2

=apartment, 3 = holiday park.

title name of the property; there has to be at least one name

per property; the element has an attribute "language"; if there no attribute "language", the default language will be

used.

occupancies element with attributes "normal" and "maximum" –

standard and maximum occupation (number of persons). information about location (detailed description see 2.1)

description of the property; the element has an attribute

"language"; if there no attribute "language", the default

language will be used.

**features** property features (detailed description see 2.2).

pictures pictures, videos and ground plan (detailed description see

2.3).

link to the property (optional)

#### 2.1 Location (element "location")

location

description



Picture 2: element location (scheme)

Picture 3: element location (example)

The element "location" contains the following elements and attributes (see picture 2, example 3):

element **country** country with the attribute **iso\_code** 

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(two-digit country code corr. ISO 3166);

element **zip\_code** zip code; element **city** city name; element **street** street;

element **housenumber** house number;

element **geocodes** geo coordinates for the localisation of the property or the

city, the property is situated in.

The element has the following attributes:

latitude - WGS84 format; longitude - WGS84 format;

**type** – value for the differentiation between property related (value = 1) and city related geo information (value = 0).

#### 2.2 Property features (element "features")

The element "features" contains several "attribute"-elements (see picture 4).

```
■ 《》features [0..1]

■ 《》attribute [0..*]

■ 《》lookup [1..*]

② id xs:unsignedShort
③ id —xs:integer
③ subcategory xs:integer
③ language xs:language
```

Picture 4: element features (scheme)

Elements and attributes of the "attribute"-element:

attribute **id** unique attribute ID; reference to table

ref\_attributes.xml (see chapter 5)

attribute **subcategory** "number of the room" – for attributes which

describe more than one room, this attribute will be used as number of the room (e.g. bath room 1, bath

room 2 etc.).

attribute **language** language for text attributes; if there no attribute

"language", the default language will be used.

element **lookup** with attribute **id** - applies to "lookup"-attributes;

reference to table ref\_attributes.xml (see chapter

5)

The elements of the attribute have to be filled according to the attribute type. We distinguish seven attribute types:

```
1 – Text short texts, not longer than 255 characters
```

(depending on the language).

example:

```
<attribute id="306" language="de">Testrr_Räume_DE</attribute>
<attribute id="306" language="en">Testrr_Räume_EN</attribute>
```

2 – Integer number, values are limited (maximum and minimum), unit has to be remarked (km).

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```
Detailed description see appendix 1 or
                          ref attributes.xml (see chapter 5)
                          examples:
                          "number of bedrooms":
                          <attribute id="261">1</attribute>
                          ".living area" (100 m<sup>2</sup>):
                          <attribute id="125">100</attribute>
3 – Real
                          numeric data types.
                          example "distance":
                           <attribute id="202">0.3</attribute>
4 – Yes/No
                          possible values: "j", "n".
                          example "lift available":
                           <attribute id="257">j</attribute>
                          data will be saved in "lookup" - element; there can
5 – Lookup/Single
                          only be one value per attribute.
                          example "pets allowed":
                           <attribute id="220">
                             <lookup id="263" />
                           </attribute>
6 – Lookup/Multiple
                          same as type 5, but several values are allowed.
                          example "property type (historical building (266),
                          holiday home(496))":
                            <attribute id="113">
                              <lookup id="266" />
                              <lookup id="496" />
                            </attribute>
7 – Memo
                          texts longer than 255 characters.
```

#### 2.3 Pictures, videos and ground plans (element "pictures")

The element "pictures" is used for transmitting pictures, videos and ground plans.

Picture 5: element pictures (scheme)

The element "pictures" contains several "picture"-elements (see picture 5).

attribute **"attribute\_no"** unique ID for the attribute for the description of the picture / video type with the following possible

values:

234 - Exterior view (small) (picture);



235 – Exterior view (picture); 236 - Interior view (picture); 242 – Picture sketch (ground plan); from 243 to 247 – picture 1 - 5; from 327 to 341 – picture 6 – 20; from **391** to **470** – picture 21 – 100; **384** – video. URL to the picture. comments for the pictures (optional).

attribute "url" element "comment" attribute "language" language of the comment.



#### 3. Prices (prices.xml)

In the xml file for the prices the price information for the properties will be provided in the following format:

```
money —xs:string
  type_currency =xs:string
   type date — xs:string
  type_extracost_discount_flag =xs:byte
  type_extracost_measure = xs:integer
  type_extracost_payment_mode =xs:integer
  type_extracost_payment_type —xs:integer
■ 《》units
  ■ 《》unit [0..*]

★ Season_info_e1 [1..*]

★ ★ extra_costs [0..1]

■ 《》price youths [0..1]

★ 《》deposit [0..1]

        unitownerid xs:string
        internalunitid xs:string
        internalunitid2 xs:string
        container xs:string
```

Picture 6: structure prices.xml

In picture 6 you can see the main elements of the prices.xml. Just like the objects.xml the prices.xml has one "units"-element which contains several "unit"-elements. Every "unit"-element contains several price information of one property.

The main element "unit" has the following attributes:

unitownerid number of the provider (will be provided by e-domizil)

**internalunitid** property number of the provider

**internalunitid2** property number of the provider2 (optional) The combination of **internalunitid** and **internalunitd2** has to be definite.

container always: "prices"

One unit contains the following **elements** with the corresponding **attributes**:

**season info e1** seasons and prices

discounts\_e1 discounts extra\_costs extra costs

**price children** discounts for children

**ok** - true or false – indicates, whether a children discount is

offered or not

age – age until the children discount is valid

**price youths** discounts for young persons

**ok** - true or false – indicates, whether a young person

discount is offered or not

age - age until the young person discount is valid



deposit value of the deposit (attribute price) with currency

(attribute currency)

#### 3.1 Seasons and prices (element "season\_info\_e1")

There has to be at least one "season\_info\_e1"-element per property (see picture 7). The element has one single attribute "currency". You can use several season\_info\_e1-elements per property, but with only one currency. The next element "season" groups the seasons with the same price (price definition).

```
■ 《》rental_prices [0..1]

        name [0..1] xs:string
             ♦ price [0..1] money
           Name [0..1] xs:string

■ 《》add_price [0..*]

                   Name [0..1] xs:string
                   price [0..1] money
                   add_price_type = xs:unsignedByte
             o price_type — xs:unsignedByte
             a cnt_days xs:unsignedByte
             duration min xs:unsignedByte
             duration_max xs:unsignedByte
             @ weekday_code xs:unsignedByte
             personen_min xs:unsignedByte
             personen_max xs:unsignedByte
     ■ 《》date [1..*]
             @ from type_date
             @ to type_date
        @ id xs:unsignedByte
        name xs:string
     currency type_currency
```

Picture 7: element season info e1 (scheme)

Attributes of the "season"-element:

id unique season code (from 1 to x (number of different

seasons))

name of the season (optional)

Elements of the "season"-element:

dates list of all season periods the price is valid for – consists of

at least one "date"-element with the attributes

**from** – start of the season period (format dd.mm.yyyy); **to** – end of the season period (format dd.mm.yyyy).

rental\_prices price information for one season – in the element

"rental\_price" the single prices are defined.

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The attributes of the element "rental price" describe all features:

**price\_type** price type; there are currently 4 types existing:

0 – duration type and arrival day type will be considered in the price check; the duration type is independent of the season (desparture day could also be out of the season)
2 – like 0, but the duration type is valid per season (arrival)

and departure day lie in the season).

4 - weekly bookable. duration type - per journey.
6 - weekly bookable. duration type - per season.

duration\_min minimum travel duration for the price (has to be bigger or

equal cnt days sein);

**duration\_max** maximum travel duration for the price;

weekday\_code arrival day (bit mask).

Monday – bit 1, Tuesday – bit 2, ... Sunday – bit 7; example type = 22 is 0010110 – arrival day on Tuesday, Wednesday

and Friday;

personen\_min minimum number of people; if 0 there is no limit; personen\_max maximum number of people; if 0 there is no limit.

The amount should be saved in the "price" element.

The element "name" serves as comment.

To show additional fees you can use the element "add\_prices".

This element consists of the element "add price" with the attribute:

add price type type of the additional fee:

11 – additional fee per person (more than standard

occupation)

12 - additional fee per child (more than standard

occupation)

13 - additional fee per young person (more than standard

occupation)

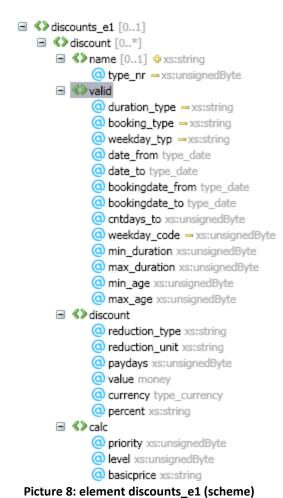
**14** – extension day.

and the elements:



#### 3.2 Discounts (element "discounts e1")

The element ",discounts\_e1" contains a list of all allowed discounts.



It is only allowed to create one element **"discounts\_e1"** per property. For every discount there is only one element **"discount**". The data will be divided into four elements. (see picture 8)

attribute can have the following values:

four elements. (see picture 8).

1 – last minute discount

2 – time discount

3 – travel x days, pay y days

4 – minimum duration

5 – age discount

6 – additional fee

valid

name

duration type

the element "valid" describes when the discount is valid. contains the following values "AN", "AB", "AA":

name of the discount with the attribute type\_nr; this

**AN** – arrival day lies in the period "date\_from", "date\_to".

**AB** – departure day lies in the period "date\_from",

"date\_to".



**AA** – arrival and departure day lie in the period

"date\_from", "date\_to".

**null** – arrival and departure day are irrelevant.
contains the following values "VB", "BI", "TA".

**VB** – booking lies in a special period ("bookingdate\_from",

"bookingdate\_to").

booking\_type

**BI** – booking should be done until a specific date.

("bookingdate\_to").

**TA** – booking should be done until x days before arrival.

("cntdays\_to").

**null** – booking time is irrelevant.

weekday\_typ if the value "WT" exists, the arrival has to be on a specific

weekday ("weekday\_code"). null - weekday is irrelevant.

**bookingdate\_to** booking date to (format dd.mm.yyyy);

**cntdays\_to** booking date is smaller than arrival date – number of days

(cntdays\_to);

weekday\_code values from 1 to 127 bitmask:

bit "1" = 1 - Monday is arrival day. bit "2" = 1 - Tuesday is arrival day. bit "3" = 1 - Wednesday is arrival day.

...

bit "7" = 1 - Sunday is arrival day.

Example: weekdaycode = 35 - Monday, Tuesday and

Saturday are arrival days;

min\_duration minimum travel duration – for discounts for special

durations;

max\_duration maximum travel duration;

min\_age minimum age – for "senior" - discounts; max\_age maximum age – for "children" - discounts;

**discount** element "discount" describes how high and how the

discounts have to be calculated.

**reduction\_type** reduction type. values "T", "P" and "W":

T – has to be calculated in days (14 = 12). (min\_duration =

paydays).

**P** - %. (percent). **W** – fixed values;

**reduction\_unit** reduction unit.

O – per property.B – per booking.P – per person;

paydays number of days that have to be paid;

value
 value of the discount;
currency code (optional);

**percent** percentage.



calc element "calc" describes, how discounts should be used.

priority priority;
level level;

**basicprice** basis for the calculation;

On one level the discount with the highest priority is used. Der "basicprice"-value shows, if the discount has to calculated on the original price (O) or the price that has already been calculated with discounts (B).

#### 3.3 Extra costs (element "extra\_costs")

The element ",extra\_costs" describes the extra costs of one property.

```
♦ price [0..1] money

♦ price_min [0..1] money

        price max [0..1] money
     @ language xs:string
        type xs:unsignedByte
        payment_type type_extracost_payment_type
        measure type_extracost_measure
        payment_mode type_extracost_payment_mode
        @ discount_flag type_extracost_discount_flag
        a child_discount money
        g youth_discount money
        optional xs:string
        valid from type date
        valid_till type_date
        original xs:string
        currency type_currency
        language xs:string
```

Picture 9: element extra\_costs (scheme)

As displayed in picture 9 only one **"extra\_costs"** element is allowed. This element describes several extra costs. There is one **extra\_cost** element per extra cost position.

The **"extra\_cost"** element has the following attributes:

type

ID of the extra cost type; list of available types:

1 - general
2 - electricity

3 - heating 4 - bed linen 5 - towels 6 - visitor's tax

7 – final cleaning 8 – other costs (can be used for extra costs, that cannot be

displayed with the existing types)

12 – pet 13 – water



14 — wood for chimney 15 — cot for children

16 – gas

17 – cot for adults
18 – air condition
19 – parking facilities

20 – telephone 21 – internet 22 – sauna

23 – intermediate cleaning

0 – payment on spot

1 - payment at booking (extra costs will be billed with the

rental price)

**measure** unit for the extra cost type

0 – not defined

1 - per property and day
2 - per property and week
3 - per person and day
4 - per person and week
5 - one-time per property
6 - one-time per person

1 – included in price

2 – to be brought by tenant
3 – to be done by tenant
4 – on consumption
5 – costs amounting to

6 – available

7 – for rent at a price of

**discount\_flag** indicates if there is a children or young people discount;

values: "1" = "yes";

**optional** if the value is "Y", this extra cost type is optional;

valid\_from start of the validation period for the extra cost type (format

dd.mm.yyyy);

valid\_till end of the validation period for the extra cost type (format

dd.mm.yyyy);

original irrelevant.
currency currency;
language irrelevant.

Elemente:

price value;
price\_min irrelevant;
price\_max irrelevant;

Element **name** with the attribute **"language"** – name of the extra cost type with language; if the language attribute is empty, German language will be used.



The element name cannot be empty, but only the names for extra cost type=8 are taken into consideration. For all other types the standard names from e-domizil will be used.

#### 4. Availabilities (availabilitiy.xml)

In the xml file the availability information for the properties will be provided in the following format:

Picture 10: structure availability.xml

Picture 11: availability.xml (example)

The format is described in the XSD-scheme and the xml files have to validated with it.

As picture 10 shows, the xml file starts with the **units**-element. The **"units"**-element contains one or more **"unit"** – elements. There can only be one element per property – detailed vacancy information per property.

It is important that there are availabilities for the next three years per property. Data for other periods will not be used.



Attributes of the "unit"-element:

attributes:

unitownerid number of the provider (will be provided by e-domizil)

**internalunitid** property number of the provider

internalunitid2 property number of the provider2 (optional) The combination of internalunitid and internalunitd2 has to be definite.

container always: "availability"

elements:

availability\_year grouping for "availability" elements.

availability vacancy per year.

The element, availability has two neccessary attributes:

**year** – calender year, relevant for the data string with vacancy

information

**start** – data string with vacancy information (1 character = 1 day).

Maximum length 365 (366 for leap years). Possible values (characters) for the data string:

A - available,

**B** - available, arrival day,

**V** - occupied

#### 5. Example files and references

#### Sample XML files:

http://www.e-domizil.de/Schnittstellen/XML/Import/objects.xml

http://www.e-domizil.de/Schnittstellen/XML/Import/prices.xml

http://www.e-domizil.de/Schnittstellen/XML/Import/availability.xml

XSD-scheme for the validation of the XML files:

http://www.e-domizil.de/Schnittstellen/XML/Import/objects.xsd

http://www.e-domizil.de/Schnittstellen/XML/Import/prices.xsd

http://www.e-domizil.de/Schnittstellen/XML/Import/availability.xsd

Reference table for the attributes:

http://www.e-domizil.de/Schnittstellen/XML/Import/ref attributes.xml

#### 6. Changes

Created: 23.03.2012



### 7. Appendix

## Appendix 1: Overview of attributes incl. lookups and types

| Id  | lookup<br>Id | name/lookup name                               | type | name of the type | minimum<br>value | maximum<br>value | unit |
|-----|--------------|--|------|------------------|------------------|------------------|------|
| 113 |              | Property type                                  | 6    | Lookup/Multiple  |                  |                  |      |
|     | 199          | Farmhouse                                      |      |                  |                  |                  |      |
|     | 238          | Holiday home                                   |      |                  |                  |                  |      |
|     | 239          | Holiday apartment in one or multi-family house |      |                  |                  |                  |      |
|     | 265          | Stately Manor/Villa                            |      |                  |                  |                  |      |
|     | 266          | Historical building                            |      |                  |                  |                  |      |
|     | 301          | Multistorey holiday home/maisonette            |      |                  |                  |                  |      |
|     | 330          | Penthouse holiday apartment                    |      |                  |                  |                  |      |
|     | 351          | Castle   |      |                  |                  |                  |      |
|     | 492          | Villa  |      |                  |                  |                  |      |
|     | 493          | Holiday apartment in a double bungalow         |      |                  |                  |                  |      |
|     | 495          | Luxury holiday home                            |      |                  |                  |                  |      |
|     | 496          | Holiday home                                   |      |                  |                  |                  |      |
|     | 497          | Holiday apartment in a two family house        |      |                  |                  |                  |      |
|     | 498          | Holiday apartment in a villa                   |      |                  |                  |                  |      |
|     | 499          | Holiday apartment in a farmhouse               |      |                  |                  |                  |      |
|     | 506          | Holiday apartment                              |      |                  |                  |                  |      |
|     | 509          | Apartment in a holiday resort                  |      |                  |                  |                  |      |
|     | 510          | Apartment in a bungalow park                   |      |                  |                  |                  |      |
|     | 511          | Holiday home in a bungalow park                |      |                  |                  |                  |      |
|     | 527          | Hut  |      |                  |                  |                  |      |
|     | 528          | Chalet   |      |                  |                  |                  |      |
|     | 529          | Row house                                      |      |                  |                  |                  |      |
|     | 530          | Twin house                                     |      |                  |                  |                  |      |
|     | 534          | Manor  |      |                  |                  |                  |      |
|     | 565          | Holiday home in a holiday resort               |      |                  |                  |                  |      |
|     | 569          | Part of a house                                |      |                  |                  |                  |      |
| 115 |              | Holiday category                               | 6    | Lookup/Multiple  |                  |                  |      |
|     | 187          | Active holiday                                 |      |                  |                  |                  |      |
|     |              | Beauty and wellness                            |      |                  |                  |                  |      |
|     | 235          | Family and children                            |      |                  |                  |                  |      |
|     |              | Culture and creativity                         |      |                  |                  |                  |      |
|     |              | Nature   |      |                  |                  |                  |      |
|     |              | Peace and relaxation                           |      |                  |                  |                  |      |
|     | 378          | Sport  |      |                  |                  |                  |      |
|     |              | Language and studies                           |      |                  |                  |                  |      |
|     |              | Near to the city                               |      |                  |                  |                  |      |
| 117 |              | Exterior overall impression                    | 5    | Lookup/Single    |                  |                  |      |
|     | 320          | New or recently renovated                      |      |                  |                  |                  |      |



|     | 340 | <br>  Well maintained  | Î |   | 1 |      |                |
|-----|-----|--|---|---|---|------|----------------|
|     |     | Maintained   |   |   |   |      |                |
|     | 357 |  |   |   |   |      |                |
|     |     | Minor deficiencies   |   |   |   |      |                |
|     |     | Needs to be renovated  |   |   |   |      |                |
|     | 507 | Extremely charming holiday home  | _ |   |   |      |                |
| 118 | 255 | Overall impression furnishing and features Functional and well maintained, minor wear and tear | 5 | Lookup/Single                           |   |      |                |
|     | 299 | Luxurious and carefully selected   |   |   |   |      |                |
|     | 332 | Tasteful and more than just functional   |   |   |   |      |                |
|     | 420 | High-quality, no deficiencies  |   |   |   |      |                |
|     |     | Simple Furnishing  |   |   |   |      |                |
|     |     | Especially charming holiday home   |   |   |   |      |                |
|     |     | Functional and convinient for a holiday  |   |   |   |      |                |
|     |     | Well and comfortably furnished   |   |   |   |      |                |
|     |     | Upscale, comfortable furnishing  |   |   |   |      |                |
| 119 |     | Let since  | 2 | Integer                                 |   | 2050 |                |
| 120 |     | Last external renovation   | 1 | Integer                                 |   | 2050 |                |
| 121 |     | Last internal renovation   | 2 |   |   | 2050 |                |
| 124 |     | Number of living rooms   | 2 |   |   | 10   |                |
| 125 |     | Living area  | 1 | Integer                                 |   | 1000 | m <sup>2</sup> |
| 126 |     | Property area  | 3 |   |   | 1000 | m <sup>2</sup> |
| 120 |     | rroperty area  |   | Real                                    |   |      | Person         |
| 127 |     | Normal occupancy   | 2 | Integer                                 | 1 | 30   | s<br>Person    |
| 128 |     | Maximum occupancy  | 2 | Integer                                 | 1 | 30   |                |
| 129 |     | Heating  | 5 | Lookup/Single                           |   | 99   |                |
|     | 228 | Individual ovens/heaters/radiators   |   |   |   |      |                |
|     | 247 | Under-floor heating  |   |   |   |      |                |
|     | 267 | In all rooms   |   |   |   |      |                |
|     | 282 | No heating available   |   |   |   |      |                |
|     | 413 | Central heating (oil/gas/nightsaver)   |   |   |   |      |                |
|     | 500 | Electric heating   |   |   |   |      |                |
|     | 501 | Wood/coal heating  |   |   |   |      |                |
|     | 508 | Electric-/wood-/coal heating   |   |   |   |      |                |
|     | 526 | Heating  |   |   |   |      |                |
|     |     | Stove heating  |   |   |   |      |                |
| 130 |     | Air conditioning   | 5 | Lookup/Single                           |   |      |                |
|     | 316 | Yes  |   |   |   |      |                |
|     |     | Partly   |   |   |   |      |                |
|     | 407 | No   |   |   |   |      |                |
|     | 477 | Ventilation  |   |   |   |      |                |
| 131 |     | Entertainment electronics  | 6 | Lookup/Multiple                         |   |      |                |
|     | 217 | Radio/radio alarm clock  |   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |   |      |                |
|     |     | Colour television set  |   |   |   |      |                |
|     |     | B/W television   |   |   |   |      |                |
|     |     | Video recorder   |   |   |   |      |                |
|     |     |  |   | ı                                       | 1 | 1    |                |



| 1   | 222  | Cable television  | ĺ |                 |     |                |
|-----|------|---|---|-----------------|-----|----------------|
|     |      | Cable television  |   |                 |     |                |
|     |      | SAT receipt   |   |                 |     |                |
|     |      | Hi-fi   |   |                 |     |                |
|     |      | CD-Player   |   |                 |     |                |
|     |      | No TV or radio  |   |                 |     |                |
|     | 531  |   |   |                 |     |                |
|     | 536  | DVD   |   |                 |     |                |
| 132 |      | Other entertainment electronics                         |   | Text            |     |                |
| 133 | 2.40 | Telecommunications                                      | 6 | Lookup/Multiple |     |                |
|     |      | Internet access   |   |                 |     |                |
|     |      | Mobile telephone reception possible                     |   |                 |     |                |
|     | 388  |   |   |                 |     |                |
|     |      | Telephone   |   |                 |     |                |
|     | 390  | ISDN connection   |   |                 |     |                |
| 134 |      | Parking facilities                                      | 6 | Lookup/Multiple |     |                |
|     |      | Private parking on site                                 |   |                 |     |                |
|     |      | Public parking  |   |                 |     |                |
|     |      | Lockable garage   |   |                 |     |                |
|     |      | Carport   |   |                 |     |                |
|     | 216  | Parking space in a lockable garage                      |   |                 |     |                |
|     | 518  | Garage  |   |                 |     |                |
|     | 532  | Parking   |   |                 |     |                |
| 135 | 352  | Equipment Cabinets and drawers provide for enough space | 6 | Lookup/Multiple |     |                |
|     |      | Separate drying room ( exclusive use)                   |   |                 |     |                |
|     |      | Separate drying room (joint use)                        |   |                 |     |                |
|     |      | Dryer/drying facilities                                 |   |                 |     |                |
|     |      | Washing machine   |   |                 |     |                |
|     |      | Shared washing machine                                  |   |                 |     |                |
|     |      | Alarm system  |   |                 |     |                |
|     |      | Vacuum cleaner  |   |                 |     |                |
| 136 |      | Living room size  | 2 | Integer         | 500 | m <sup>2</sup> |
| 137 |      | Living room also serves as a bedroom                    |   | Yes/No          |     |                |
| 144 |      | Living room furniture                                   | 6 |                 |     |                |
|     | 218  | Sofa  |   |                 |     |                |
|     | 272  |   |   |                 |     |                |
|     |      | Fireplace   |   |                 |     |                |
|     |      | Separate dining area                                    |   |                 |     |                |
|     |      | Combined kitchen/living room                            |   |                 |     |                |
|     |      | Fireplace/oven  |   |                 |     |                |
| 145 |      | Other living room features                              | 7 | Memo            |     |                |
| 146 |      | Bedroom size  |   | Integer         | 500 | m <sup>2</sup> |
| 147 |      | Number of double beds                                   |   | Integer         | 20  |                |
| 148 |      | Number of single beds                                   |   | Integer         | 20  |                |
| 150 |      | Number of cribs   |   | Integer         | 10  |                |



| 162 |     | <br>  Blinds available                     | 4 | Yes/No             |     |    |
|-----|-----|--|---|--------------------|-----|----|
|     |     | Other bedroom furniture                    |   |                    |     |    |
| 163 |     |  | 7 |                    |     | ?  |
| 164 |     | Bathroom size                              |   | Integer / Multiple | 50  | m² |
| 165 | 106 | Bathroom features                          | 6 | Lookup/Multiple    |     |    |
|     |     | Bath tub with shower                       |   |                    |     |    |
|     |     | Bath tub without shower                    |   |                    |     |    |
|     |     | Separate shower                            |   |                    |     |    |
|     |     | Bidet                                      |   |                    |     |    |
|     |     | Day light                                  |   |                    |     |    |
|     | 476 | Toilet                                     |   |                    |     |    |
|     | 545 | Wash basin                                 |   |                    |     |    |
|     | 552 | Washing stand                              |   |                    |     |    |
|     | 553 | Double washing stand                       |   |                    |     |    |
|     | 581 | Shower                                     |   |                    |     |    |
| 168 |     | Other bathroom equipment                   | 7 | Memo               |     |    |
| 169 |     | Kitchen size                               | 2 | Integer            | 100 | m² |
| 170 |     | Number of tables                           | 2 | Integer            | 10  |    |
| 171 |     | Total number of seats                      | 2 | Integer            | 20  |    |
| 172 |     | Kitchen furniture/equipment                | 6 | Lookup/Multiple    |     |    |
|     | 181 | Espresso machine                           |   |                    |     |    |
|     | 194 | Extractor hood                             |   |                    |     |    |
|     |     | Microwave oven                             |   |                    |     |    |
|     |     | Bar/breakfast bar                          |   |                    |     |    |
|     | 254 |  |   |                    |     |    |
|     |     | Deep freezer                               |   |                    |     |    |
|     |     | Cooking facilities (two hobs)              |   |                    |     |    |
|     |     | Cooking facilities (four hobs)             |   |                    |     |    |
|     |     | Dishwasher                                 |   |                    |     |    |
|     |     | Fitted kitchen                             |   |                    |     |    |
|     |     | 2 sets of plates, cups, cutlery per person |   |                    |     |    |
|     |     | Oven                                       |   |                    |     |    |
|     |     | Refrigerator                               |   |                    |     |    |
|     |     |  |   |                    |     |    |
|     |     | Constant                                   |   |                    |     |    |
|     |     | Gas stove                                  |   |                    |     |    |
|     |     | Combined gas/electric stove                |   |                    |     |    |
|     |     | Electric stove                             |   |                    |     |    |
|     |     | Toaster                                    |   |                    |     |    |
|     |     | Cooking facilities                         |   |                    |     |    |
|     |     | Kitchenette                                |   |                    |     |    |
|     | 611 | Cooking facilities (three hobs)            | 1 |                    |     |    |
| 173 |     | Other kitchen equipment                    |   |                    |     |    |
| 174 |     | Other rooms                                | 6 | Lookup/Multiple    |     |    |
|     | 183 | Lockable storage room                      |   |                    |     |    |
|     | 248 | Wardrobe                                   |   |                    |     |    |
|     | 354 | Shoe shelf                                 |   |                    |     |    |



| 175<br>189<br>190                                | 376<br>321<br>322<br>323<br>324<br>229 | Separate entrance area (corridor or hall)  Other storage room  Other equipment  Holiday home location  Holiday home is situated in a holiday resort Holiday home is situated in a residential area  Holiday home is situated in mixed development area | 7<br>5 |                         |    |
|--|--|--|--------|-------------------------|----|
| 190  | 321<br>322<br>323<br>324<br>229        | Other equipment  Holiday home location  Holiday home is situated in a holiday resort Holiday home is situated in a residential area Holiday home is situated in mixed  |        |                         |    |
| 190  | 322<br>323<br>324<br>229               | Holiday home location  Holiday home is situated in a holiday resort Holiday home is situated in a residential area Holiday home is situated in mixed   |        |                         |    |
| 190  | 322<br>323<br>324<br>229               | Holiday home is situated in a holiday resort Holiday home is situated in a residential area Holiday home is situated in mixed  |        | Lookup/ Single          |    |
|  | 322<br>323<br>324<br>229               | Holiday home is situated in a residential area Holiday home is situated in mixed   |        |                         |    |
|  | 323<br>324<br>229                      | Holiday home is situated in mixed  |        |                         |    |
|  | 324<br>229                             | development area   |        |                         |    |
|  | 229                                    | · · · · · · · · · · · · · · · · · · ·  |        |                         |    |
|  |  | Holiday home is situated in industrial area  |        |                         |    |
| 191  |  | Impairments from   | 6      | Lookup/Multiple         |    |
| 191  |  | Railway lines  |        |                         |    |
| 191  | 241                                    | Airport/Entry lane   |        |                         |    |
| 191  |  | Major roads  |        |                         |    |
| 191  |  | Industrial settlement  |        |                         |    |
|  |  | Other impairments  | 7      | Memo                    |    |
| 192  |  | Garden description   |        | Lookup/Multiple         |    |
|  | 249                                    | Park-like location   |        | , , , , , , , , , , , , |    |
|  |  | Not visible from the road or neighbouring  |        |                         |    |
|  |  | properties   |        |                         | _  |
|  |  | Unfenced   |        |                         |    |
|  | 281                                    | 8.7  |        |                         |    |
| 193  |  | View from the holiday home   |        | Lookup/Multiple         | _  |
| 194  |  | Service facilities (may incur additional costs)  | 6      | Lookup/Multiple         | _  |
| <del>                                     </del> |  | Bakery service   |        |                         | _  |
| <del>                                     </del> |  | Shopping service before arrival  |        |                         |    |
|  | 246                                    | Breakfast  |        |                         |    |
| <del>                                     </del> | 257                                    | Drinks service   |        |                         |    |
| 200  |  | Distance to town   | 3      | Real                    | km |
| 202  |  | Distance to next restaurant  | 3      | Real                    | km |
| 203  |  | Distance to next shopping facilities   | 3      | Real                    | km |
| 204  |  | Distance to the sea  | 3      | Real                    | km |
| 206  |  | Type of beach  | 5      | Lookup/Single           |    |
|  | 283                                    | Silicic beach  |        |                         |    |
|  | 347                                    | Sandy beach  |        |                         |    |
|  | 383                                    | Stone/rock beach   |        |                         |    |
| 208  |  | Day of arrival   | 5      | Lookup/Single           |    |
|  | 442                                    | optional   |        |                         |    |
|  | 444                                    | Saturday   |        |                         |    |
|  | 446                                    | Friday   |        |                         |    |
|  | 447                                    | Thursday   |        |                         |    |
|  | 448                                    | Wednesday  |        |                         |    |
|  | 449                                    | Tuesday  |        |                         |    |
|  |  | Monday   |        |                         |    |
|  |  | ·  |        |                         |    |
|  |  | dependent on season  |        |                         |    |
| 210  |  | Car is necessary   | 4      | Yes/No                  |    |



| 211 |     | Nearest airport                       | 1   | Text            |      |
|-----|-----|---------------------------------------|-----|-----------------|------|
| 212 |     | Distance to nearest airport           | 3   |                 | km   |
|     |     | ·                                     |     |                 | KIII |
| 213 |     | Next train station                    | 1   |                 | lema |
| 214 |     | Distance to nearest train station     | 3   |                 | km   |
| 215 |     | Nearest motor way                     | 1   | Text            |      |
| 216 |     | Distance to the nearest motor way     | 3   |                 | km   |
| 218 |     | Route description (free text)         | 7   | Memo            |      |
| 219 |     | Other                                 | 6   | Lookup/Multiple |      |
|     |     | Suitable for allergic persons         |     |                 |      |
|     |     | Suitable for elderly people           |     |                 |      |
|     | 319 | Handicapped and wheelchair accessible |     |                 |      |
|     | 343 | Non-smoking house                     |     |                 |      |
| 220 |     | Pet                                   | 5   | Lookup/Single   |      |
|     | 263 | Pets permitted                        |     |                 |      |
|     | 264 | Pets not permitted                    |     |                 |      |
| 222 |     | On-site leisure facilities            | 6   | Lookup/Multiple |      |
|     | 192 | Outdoor swimming pool                 |     |                 |      |
|     | 219 | Steam bath                            |     |                 |      |
|     | 259 | Indoor swimming pool                  |     |                 |      |
|     | 350 | Sauna                                 |     |                 |      |
|     | 363 | Separate fitness room                 |     |                 |      |
|     |     | Solarium                              |     |                 |      |
|     |     | Playground                            |     |                 |      |
|     |     | Tennis court                          |     |                 |      |
|     |     | Table tennis                          |     |                 |      |
|     | 412 |                                       |     |                 |      |
|     | 513 |                                       |     |                 |      |
|     |     | Swimming pool                         |     |                 |      |
|     |     | Common indoor swimming pool           |     |                 |      |
|     |     | Common outdoor swimming pool          |     |                 |      |
|     |     | Common swimming pool                  |     |                 |      |
| 223 | 010 | Nearby sports facilities              | 6   | Lookup/Multiple |      |
| 223 | 101 |                                       | - 6 | Lookup/muttiple |      |
|     |     | Fishing                               |     |                 |      |
|     |     | Basketball                            |     |                 |      |
|     |     | Mountain climbing                     |     |                 |      |
|     |     | Football area                         |     |                 |      |
|     |     | Ice skating                           |     |                 |      |
|     |     | Golf course                           |     |                 |      |
|     |     | Hunting facilities                    |     |                 |      |
|     |     | Canoeing                              |     |                 |      |
|     |     | Climbing                              |     |                 |      |
|     |     | Mountainbiking                        |     |                 |      |
|     |     | Paragliding                           |     |                 |      |
|     | 275 | Bike tours                            |     |                 |      |
|     | 277 | Rafting                               |     |                 |      |



|     | 288 | Horse stalls (guests)   | 1 |                 |    |    |
|-----|-----|---|---|-----------------|----|----|
|     |     | Indoor riding arena   |   |                 |    |    |
|     |     | Riding possibilities  |   |                 |    |    |
|     |     | Toboggen  |   |                 |    |    |
|     |     | Rowing  |   |                 |    |    |
|     |     | Skiing (alpin)  |   |                 |    |    |
|     |     |   |   |                 |    |    |
|     |     | Cross-country skiing  |   |                 |    |    |
|     |     | Sport center  |   |                 |    |    |
|     |     | Squash  |   |                 |    |    |
|     |     | Surfing   |   |                 |    |    |
|     |     | Diving<br>  |   |                 |    |    |
|     |     | Tennis  |   |                 |    |    |
|     |     | Water skiing  |   |                 |    |    |
|     | 455 | Sailing   |   |                 |    |    |
| 224 |     | Other sport facilities  | 7 |                 |    |    |
| 225 |     | Rental Facilities   | 6 | Lookup/Multiple |    |    |
|     |     | Boat rental service   |   |                 |    |    |
|     |     | Bicycle rental service  |   |                 |    |    |
|     | 373 | Ski-, Snowboard   |   |                 |    |    |
| 226 |     | Other rental facilities   | 7 | Memo            |    |    |
| 227 |     | Excursion possibilities   | 7 | Memo            |    |    |
| 256 |     | Floor   | 5 | Lookup/Single   |    |    |
|     | 574 | Ground floor  |   |                 |    |    |
|     | 575 | First floor   |   |                 |    |    |
|     | 576 | Second floor  |   |                 |    |    |
|     | 577 | Third floor   |   |                 |    |    |
|     | 578 | Fourth floor  |   |                 |    |    |
|     | 579 | Fifth floor   |   |                 |    |    |
|     | 580 | Over fifth floor  |   |                 |    |    |
| 257 |     | Lift available  | 4 | Yes/No          |    |    |
| 260 |     | Number of bathrooms   | 2 | Integer         | 10 |    |
| 261 |     | Number of bedrooms  |   | Integer         | 10 |    |
| 263 |     | Number of toilets   |   | Integer         | 10 |    |
| 266 |     | Distance to next ski lift/mountain railway/cross-country skiing trail | 3 |                 |    | km |
| 268 |     | Other telecommunications  | 1 | Text            |    |    |
| 282 |     | Notes on occupancy  | 1 | Text            |    |    |
| 286 |     | Other location  | 1 | Text            |    |    |
| 288 |     | Other   | 1 | Text            |    |    |
| 289 |     | Other   | 7 | Memo            |    |    |
| 290 |     | Distance to lake  | 3 | Real            |    | km |
| 295 |     | Direct surroundings   | 6 |                 |    |    |
|     | 285 | Disco   |   |                 |    |    |
|     | 485 |   |   |                 |    |    |
|     |     | Leisure area  |   |                 |    | İ  |
|     | 487 | Public parking  |   |                 |    |    |



| 296 |     | Other leisure facilities                      | 7 | Memo            |    |    |
|-----|-----|---|---|-----------------|----|----|
| 299 |     | Impairment by noise                           | 4 | Yes/No          |    |    |
| 304 |     | Number of kitchens                            | 2 | Integer         | 10 |    |
| 306 |     | Other rooms                                   | 1 |                 |    |    |
| 307 |     | Number of sleeping facilities                 | 2 | Integer         |    |    |
| 310 |     | Pets allowed                                  | 1 |                 |    |    |
| 311 |     | In all rooms except                           | 1 | Text            |    |    |
| 312 |     | Other equipment                               | 1 | Text            |    |    |
| 313 |     | Size  | 2 | Integer         |    | m² |
| 314 |     | Other   | 1 |                 |    |    |
| 315 |     | Garden facilities                             | 6 | Lookup/Multiple |    |    |
|     | 481 | Summer house                                  |   |                 |    |    |
|     | 482 | Garden grill                                  |   |                 |    |    |
|     | 483 | Pavilion                                      |   |                 |    |    |
|     | 504 | Garden furniture provided                     |   |                 |    |    |
|     |     | Grill available                               |   |                 |    |    |
| 318 |     | Other views                                   | 1 | Text            |    |    |
| 319 |     | Other   | 1 | Text            |    |    |
| 321 |     | Other Leisure facilities                      | 1 | Text            |    |    |
| 322 |     | Location description                          | 7 | Memo            |    |    |
| 326 |     | Distance to sea/lake                          | 3 |                 |    | km |
| 342 |     | Distance to fjord                             | 3 |                 |    | km |
| 343 |     | Distance to fishing spot                      | 3 |                 |    | km |
| 344 |     | Distance to waters                            | 3 |                 |    | km |
| 350 |     | Type of sleeping facilities                   | 6 | Lookup/Multiple |    |    |
|     | 547 | Sofa bed                                      |   |                 |    |    |
|     | 548 | Fold-away bed                                 |   |                 |    |    |
|     |     | Additional bed                                |   |                 |    |    |
|     | 550 |   |   |                 |    |    |
| 351 |     | Blinds available                              | 4 | Yes/No          |    |    |
| 352 |     | Number of bunk beds                           |   | Integer         | 10 |    |
| 354 |     | Garden utilisation                            |   | Lookup/Single   |    |    |
|     | 306 | Exclusive garden use                          |   |                 |    |    |
|     | 313 | Joint garden use                              |   |                 |    |    |
|     |     | Not available                                 |   |                 |    |    |
| 355 |     | Town name                                     | 1 | Text            |    |    |
| 356 |     | Hand-over of keys                             | 5 | Lookup/Single   |    |    |
|     | 557 | Keys will be handed out on site by key holder |   |                 |    |    |
|     |     | Keys have to be collected from the key holder |   |                 |    |    |
|     |     | Other key handout                             |   |                 |    |    |
| 357 |     | Key holder - name                             | 7 | Memo            |    |    |
| 360 |     | Other hand-over of keys                       | 7 |                 |    |    |
| 361 |     | Outdoor facilities                            |   | Lookup/Multiple |    |    |
|     | 478 | Terrace                                       |   | , , ,           |    |    |
|     |     | Winter garden                                 |   |                 |    |    |



|     | 480 | Balcony                      |   |                 |    |    |
|-----|-----|------------------------------|---|-----------------|----|----|
|     | 494 | Balcony or terrace           |   |                 |    |    |
|     | 514 | Veranda                      |   |                 |    |    |
|     | 560 | Garden                       |   |                 |    |    |
|     | 561 | Garage                       |   |                 |    |    |
|     |     | Basement garage              |   |                 |    |    |
| 362 |     | Room size                    | 3 | Real            |    | m² |
| 363 |     | Number of double beds        | 2 | Integer         | 10 |    |
| 364 |     | Number of single beds        | 2 | Integer         | 10 |    |
| 365 |     | Room furniture               | 6 | Lookup/Multiple |    |    |
|     | 218 | Sofa                         |   |                 |    |    |
|     | 272 | Oven                         |   |                 |    |    |
|     | 274 | Fireplace                    |   |                 |    |    |
|     | 360 | Separate dining area         |   |                 |    |    |
|     | 474 | Combined kitchen/living room |   |                 |    |    |
|     | 516 | Fireplace/oven               |   |                 |    |    |
| 366 |     | Other living room features   | 7 | Memo            |    |    |
| 367 |     | Number of single beds        | 2 | Integer         | 10 |    |
| 368 |     | Blinds available             | 4 | Yes/No          |    |    |
| 369 |     | Number of cribs              | 2 | Integer         | 10 |    |
| 370 |     | Number of tables             | 2 | Integer         | 10 |    |
| 371 |     | Total number of seats        |   | Integer         | 20 |    |
| 375 |     | Name of the lake             | 1 |                 |    |    |
| 376 |     | Name of the sea              | 1 | Text            |    |    |
| 377 |     | Name of the ski-region       | 1 | Text            |    |    |
| 379 |     | Grid Square in city map      | 1 | Text            |    |    |
| 380 |     | Number of rooms              | 5 | Lookup/Single   | 20 |    |
|     | 582 | 1                            |   |                 |    |    |
|     | 583 | 1,5                          |   |                 |    |    |
|     | 584 | 2                            |   |                 |    |    |
|     | 585 | 2,5                          |   |                 |    |    |
|     | 586 | 3                            |   |                 |    |    |
|     | 587 | 3,5                          |   |                 |    |    |
|     | 588 | 4                            |   |                 |    |    |
|     | 589 |                              |   |                 |    |    |
|     | 590 | 5                            |   |                 |    |    |
|     | 591 | 5,5                          |   |                 |    |    |
|     | 592 |                              |   |                 |    |    |
|     | 593 |                              |   |                 |    |    |
|     | 594 |                              |   |                 |    |    |
|     | 595 |                              |   |                 |    |    |
|     | 596 |                              |   |                 |    |    |
|     | 597 |                              |   |                 |    |    |
|     | 598 |                              |   |                 |    |    |
|     | 599 |                              |   |                 |    |    |



|     | 600 | 10       |   |      |  |  |
|-----|-----|----------|---|------|--|--|
|     | 601 | 11       |   |      |  |  |
|     | 602 | 12       |   |      |  |  |
|     | 603 | 13       |   |      |  |  |
|     | 604 | 14       |   |      |  |  |
|     | 605 | 15       |   |      |  |  |
|     | 606 | >15      |   |      |  |  |
| 382 |     | District | 1 | Text |  |  |