DanCenter/Danland – Partner Solution

Overview

The BXML system consists of a number of independent functionalities that can be used together or individually. ("BXML" is just a name)

Here's a list of the individual functionalities:

Offline data – Available through FTP

- XML file containing availability data for individual houses (weekly)
- XML file containing availability data for "hotel-units" with (daily)
- XML file containing the houseinformation

Online functionalities

- Request "Multi House Availability" – 50 houses at a time
- Request "Single House availability" – 12 periods at a time
- Request "booking price"
- Request "add-on-products" (insurrance, cleaning)
- Perform "booking"
- Request "booking information" - Existing booking
- Perform "change booking" – Customerinformation
- Perform "cancel booking"
- Request "booking log"

WEB site - Frame solution

- http://www.danland.dk/housecube/danland?ag=99999&neutral=1

Offline data

To be able to build a website containg DanCenter or Danland units externally, we have a possibility to download 3 differant types og xml files via FTP. Following there's a short description of these files highligtning the inforation that links the files.

<u>houseinformation.xml</u>

The houseinformation contains the information that we have on any given house. That is basic information sucha as geography, size, photos. A complete houseinformation is included as an attachement.

Extracts of the file is here:

```
<house-info allowedBookDays="1,2,3,4,5,6" build-year="1976"
country="DK" house-size-m2="54" max-persons="6" min-persons="2" num-
bedrooms="1" place-id="6407" rating="4" restoration-year="2000"
segment="Hotel" serie-master="15894" type="Holiday park">

<hotel hotel-url-name="hirtshals" masternumber="10830" name="Hirtshals"
number="3" type-on-web="true" typenumber="2">
<hoteltype description="2½ Zimmer m/Meerblick" language="DEU" />
</hotel>
</house-info>

.....

 <prices>
  <low-price-apartment currency="EUR" price="228" />
 </prices>
```

The key in ths files is masternumber="**10830**" or number="**3**" type-on-web="**true**" typenumber="**2**"

Also supplied in the file is the cheapest possible price for a 3 day stay in this hotel/type combination.

availability.xml (daily)

The availability file contains information about available units per date. The file looks like this:

```
<availability>
<house id="10830" hotelId="3" roomType="2">
<available-periods>
<period date="20110404" saeson="2011" count="58" />
<period date="20110405" saeson="2011" count="57" />
<period date="20110406" saeson="2011" count="57" />
<period date="20110407" saeson="2011" count="48" />
<period date="20110408" saeson="2011" count="48" />
</available-periods>
</house>
</availability>
```

The key linking to the houseinformation is <house id="**10830**" hotelId="**3**" roomType="**2**">
The information shows that you have 58 available units on 20110404.

availability.xml (weekly)

Here's an example of the same information presented in the weekly availability file:

```
<house id="10830" houseInfoId="10830">
<price-categories>
<category saeson="2011" name="C"> <price currency="EUR">775</price>
</category>
<category saeson="2011" name="D"> <price currency="EUR">652</price>
</category>
</price-categories>
.......
<available-periods>
<period status="available" fromdate="20110402" todate="20110409"
saeson="2011" pricecategory="D"
<period status="available" fromdate="20110409" todate="20110416"
saeson="2011" pricecategory="D"
<period status="booked" fromdate="20110416" todate="20110423"
saeson="2011" pricecategory="C"
</available-periods>
```

BXML Functions

Please refer to the bxml documentation for detailed information on the following functions:

- Request "Multi House Availability" – 50 houses at a time
- Request "Single House availability" – 12 periods at a time
- Request "booking price"
- Request "add-on-products" (insurrance, cleaning)
- Perform "booking"
- Request "booking information" - Existing booking
- Perform "change booking" – Customerinformation
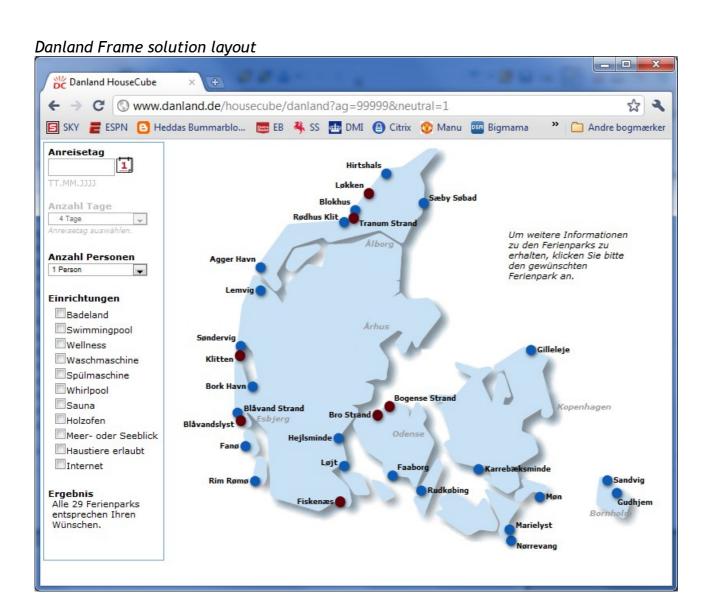- Perform "cancel booking"
- Request "booking log"

Performance is very high as we see it. I made a benchmark test today 20110404 showing that the system could return prices on 23 hotel types on 7 hotels in a maximum of 500 ms. As our system caches the requests the same search would the second time perform and answer in about 150 --> 250 ms.

Frame solution for Danland

http://www.danland.de/housecube/danland?ag=99999&neutral=1

If your company want to get a quick start booking the Danland hotel units, the Frame solution should/could take care of this. Of cause this is only possible if we are the sole supplier providing hotel units in Denmark through your company.

The layout is a skinned version of our own site and could be modified to suite you requirements of size and color.

Danland Frame solution layout

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