## Advertisements and advertisement data synchronization with external systems

### How syncrhonization works:

The complete external database (advertisements, agents, office data) will be checked at each import and the changes will be implemented in the ingatlanbazar.hu database.

### How often there is synchronization:

Synchronization takes place once every day, this is early in the morning.

### Technial data:

#### Data format:

##### XML

* [XML Schema files for download](http://schemas.ingatlanbazar.hu/Import/schemas.zip) ([eample xml](http://schemas.ingatlanbazar.hu/Import/sample.xml)) (about [XSD-in](http://www.w3schools.com/schema/default.asp) general )

#### Handing over the data:

It should be handed over in one xml file/user or company where all available data should be

##### Support protocols for handing over the data:

* HTTP
* HTTP with [Basic access authentication](http://en.wikipedia.org/wiki/Basic_access_authentication)
* FTP

#### The data structure:

Synchronization works with users who are registered and up to date with their account (paying) on ingatlanbazar.hu. So the structure is based around the following:

* list of offices and their contact info (on the given contact info we inform the client whether the export can proceed or if there is a problem with it)
* the agents of the office and their data (name, address, phone, email)
* All the advertisements and their newest parameters (location, price, type, etc..)

#### Visszacsatolás az importról

It is possible to query the advertisements that were exported, the output is in xml format. For this it is required to receive an URL invite from the customer with the authentication data of the client. According to the given parameters the system will send the data that belongs to the user. The URL that should be invited is: URL:  
http://www.ingatlanbazar.hu/imported\_classifieds.php?rLoginUsername=username

The format of the XML that is sent back is:

<!-- classifiedList element: #required – list af advertisements -->

<classifiedList>

<!--

classified Element: #optional – contains one given ads details

@ingatlanbazarId Attribute: #required – ID of advertisement in the ingatlanbazar system

@foreignId Attribute: #required – ID of advertisement in clients system

@lastUpdated Attribute: #required – last modification date in YYYY-MM-DD format

@error Attribute: #required – gives detail of the whether the export was successful;

possible values: 0=no error, 1=error during the export

-->

<classified ingatlanbazarId="" foreignId="" lastUpdated="" error=""/>

</classifiedList>

Example:

<?xml version="1.0" encoding="UTF-8"?>

<classifiedList>

<classified ingatlanbazarId="13465134" foreignId="hirdetes\_12389" lastUpdated="2011-03-01" error="0"/>

<classified ingatlanbazarId="13465135" foreignId="hirdetes\_23426" lastUpdated="2011-03-01" error="0"/>

</classifiedList>