

Remote Tariff Update Service ("RTUS")

WebService Documentation

Overview

RTUS is a service to registered customers allowing the rental rates for their homes to be updated programmatically, rather than via the home management pages of the Holiday Lettings web site. It takes the form of a SOAP-style web service, available at the following url:

http://agentapi.holidaylettings.co.uk/service_rates.asmx

The service WSDL is available at:

http://agentapi.holidaylettings.co.uk/service_rates.asmx?WSDL

Registration and Security

Existing Holiday Lettings customers must register before being able to use this service. They will be issued with a 'key' (a 30-character string) that acts as a password to all RTUS web methods. The customer's existing 'owner id' is also required.

Customers must also supply one to two i.p. addresses in order to register. To increase security, they will only be able to access RTUS from these locations.

General Restrictions

- Ideally, RTUS should not be used to update a home's rental rates within 5 minutes of the home being first created or updated via the web site. Doing so will not harm data, but may result in unexpected errors.

WebServiceResponse

All RTUS web methods use this complex type as a return value. The full definition is available in the service WSDL.

Field	Data Type	Description
Success	boolean	Indicates whether or not the web service call was valid and completed successfully.
ErrorCode	int	Will be zero if the web service call was successful, otherwise will indicate the reason for the failure.
Messages	string array	Used to provide additional error information when the web service call is unsuccessful, and also for descriptive feedback regarding the rental rate setup following the web service call.

Error Codes

ErrorCode	Meaning
1000, 2000	Unknown error, please contact technical support.
1001	Customer is not registered with Holiday Lettings.
1002	Customer does not have permission to use RTUS.
1003	The key supplied was incorrect.
1004	The originating i.p address was not one of those registered.
1005	The supplied owner id was not recognised.

ErrorCode	Meaning
1006	The supplied home id was not recognised.
1007	The supplied home id was invalid (does not belong to the owner).
1008	One or more of the web method parameters was incorrect (look at the messages for further information).
2001	The rental rate cannot be set as the home has active rates for three different group sizes (or one if the home is a group advert).
2002	The rental rate cannot be set as the name is too long (100 characters are permitted).
2003	One of the rental rates (weekly or nightly) is an invalid value.
2004	The rental rate cannot be set as it begins in the past.
2005	The rental rate cannot be set as it overlaps another existing rental rate for the same group size.
2006	Internal Error, please contact technical support.
2007	Internal Error, please contact technical support.
2008	The action cannot be completed as it would require the last rental rate for the home to be removed.
2009	The rental rate cannot be set as the group size is an invalid value.

Notes

- Error codes 2000+ are only available with the Clear and SetOne web methods.

Web Methods

The four available RTUS web methods are detailed here.

Clear

This method deletes all current rental rates for the given home and group size. This is equivalent to navigating to the home's stage 4 management page and clicking 'delete' for all rows.

Parameter	DataType	Description
key	string	The key obtained on registration.
ownerId	string	The customer's Holiday Lettings owner id.
homeId	string	The Holiday Lettings id number of the home to be affected.
groupSize	string	The group size for which all rental rates should be deleted.

Notes

- It is not possible to delete the last rental rate for a home, so unless rates exist for another group size, calling this method will result in error 2008.

SetCurrency

This method sets the currency an advert's rates are set in.

Parameter	DataType	Description
key	string	The key obtained on registration.
ownerId	string	The customer's Holiday Lettings owner id.
homeId	string	The Holiday Lettings id number of the home to be affected.
currencyCode	string	The 3 letter currency code for the currency that needs to be set for the home.

Notes

- It does not perform any conversion on existing rates if the currency being set is different from the one already set.
- The 3 letter currency code that can be currently set are:
 - AUD (Australian Dollars)
 - USD (United States Dollars)
 - EUR (Euro)
 - GBP (United Kingdom Pounds)
 - ZAR (South African Rand)
 - CAD (Canadian Dollars)
 - CHF (Swiss Francs)

SetOne

This method creates a rental rate for a specific home as specified by the parameters.

Parameter	DataType	Description
key	string	The key obtained on registration.
ownerId	string	The customer's Holiday Lettings owner id.
homeId	string	The Holiday Lettings id number of the home to be affected.
groupSize	string	The group size for which the rental rate should be created.
startDate	string	The first date of the rental period, in yyyy-mm-dd format.
endDate	string	The last date of the rental period, in yyyy-mm-dd format.
tariffName	string	A friendly name for the rental period – this name is displayed to holidaymakers.
weeklyRate	string	The weekly rate for the rental period, expressed in the home's rental currency. Rates must be whole integers. Note that there is currently no facility to change the rental currency except via the website home management pages.
minNights	string	The permitted minimum number of nights booking for the rental period. Note that this must be one of the recognised values: 0 (flexible), 1, 2, 3, 4, 5, 6, 7 (1 week), 14 (2 weeks), 21 (3 weeks), 30 (1 month), 60 (2 months), or 90 (3 months). These correspond to the values available in the 'Min Stay' drop down list on the home's stage 4 management page.
weekdayRate	string	The nightly rate for weekdays in the rental period, expressed in the home's rental currency. Rates must be whole integers. Note that there is no facility to change the definition of weekday/weekend days for the home except via the website home management pages.
weekendRate	string	The nightly rate for weekend days in the rental period, expressed in the home's rental currency. Rates must be whole integers. Note that there is no facility to change the definition of weekday/weekend days for the home except via the website home management pages.

Notes

- Rental rates may not be set for the past.
- Rental rate periods for the same group size cannot overlap, so any existing rental rates that cover any of the same days will be deleted or have their date ranges amended as necessary.

- The nightly rates are only used when the minimum nights is from 0 to 6. If values are supplied with a minimum nights of 7+ they will be ignored. They are always optional.
- Rates are permitted for a maximum of three different group sizes only (only one for group adverts). Any attempt to set a rental rate for a fourth group size will return the 2009 error.
- If the call is successful, the Messages field of the WebServiceReponse will list all current gaps in the rental rates for the specific home and group size. This information will be similar to that shown on the stage 4 home management page when non-adjacent rental rates are created.

SetAll

This method clears and recreates all the rental rates for a specific home and group size. The supplied arrays list the rental rates to be created. All the arrays should be of the same length (which is the number of rental rates to be created) and the values at the same index of each array define the rate.

Parameter	Data Type	Description
key	string	The key obtained on registration.
ownerId	string	The customer's Holiday Lettings owner id.
homeId	string	The Holiday Lettings id number of the home to be affected.
groupSize	string	The group size for which the rental rate should be created.
startDates	string array	A list of the first dates of the rental periods, in yyyy-mm-dd format.
endDates	string array	The list of the last dates of the rental periods, in yyyy-mm-dd format.
tariffNames	string array	A list of friendly names for the rental periods – this name is displayed to holidaymakers.
weeklyRates	string array	A list of the weekly rates for the rental periods, expressed in the home's rental currency. Rates must be whole integers. Note that there is currently no facility to change the rental currency except via the website home management pages.
minNights	string array	A list of the permitted minimum number of nights booking for the rental periods. Note that this must be one of the recognised values: 0 (flexible), 1, 2, 3, 4, 5, 6, 7 (1 week), 14 (2 weeks), 21 (3 weeks), 30 (1 month), 60 (2 months), or 90 (3 months). These correspond to the values available in the 'Min Stay' drop down list on the home's stage 4 management page.
weekdayRates	string array	A list of the nightly rates for weekdays in the rental periods, expressed in the home's rental currency. Rates must be whole integers. Note that there is no facility to change the definition of weekday/weekend days for the home except via the website home management pages.
weekendRates	string array	A list of the nightly rates for weekend days in the rental periods, expressed in the home's rental currency. Rates must be whole integers. Note that there is no facility to change the definition of weekday/weekend days for the home except via the website home management pages.

Notes

- The same restrictions as for the Set method apply here for each rental rate to be created.

- If the supplied arrays are not of equal length, then only as many rental rates as the shortest will be created. An error message will be given for any further values in the other arrays.
- If the call is successful, the Messages field of the WebServiceReponse will list all current gaps in the rental rates for the specific home and group size. This information will be similar to that shown on the stage 4 home management page when non-adjacent rental rates are created.