Rightmove Real Time Datafeed

API Web Services Specification v1.2.1

Contents

1   Introduction to the Rightmove Real Time Datafeed

This document has been put together to describe the Real Time Datafeed which utilises web service calls to the Rightmove Datafeed API in order to enable estate agents to incrementally update their property data on Rightmove in real time. The key advantages of the Real Time Datafeed over the v3 FTP feed are the flexibility of an incremental feed and the more lightweight nature of the feed in terms of data handling. Feeds will not only be able to amend properties as and when a change is made by the agent, but you will now only need to send details of properties which are changing, as opposed to sending over all of the data for all properties which are currently live on Rightmove. Another major change which is coming in with the Real Time Datafeed is that instead of providing us with full media files when you upload a property, all we require now are a list of URLs where the media is hosted, which we can go and retrieve the media from.

Beyond the core functionality of sending property data, this version of the Real Time Datafeed has been extended to include the addition of property level products via the Rightmove Datafeed API. Currently the feed supports the application of Premium Listing, Featured Property and Featured Property of the Week.

The Real Time Datafeed also allows users to retrieve performance data for their properties and to get a full list of email and telephone leads in real time. This reflects the functionality available in the data exports which Rightmove has offered in the past and also goes beyond this with additional data and functionality.

The Real Time Datafeed uses a series of callable methods over an HTTPS interface to the Rightmove Datafeed API enabling you to provide us with incremental property data. In order to perform an action using the Rightmove Property API, you need to send a request to a URL (the endpoint) specifying the action you wish to make (the method) and the required details (the parameters). These calls can be made in either XML or JSON according to the schema files associated with this specification. If you have not been provided with the correct schemas, or a URL from which to retrieve the most up-to-date version of the schemas please contact the Rightmove ADF team.

Whenever a call is made the Rightmove Datafeed API you will receive a formatted response in the same language which you sent the request (XML or JSON). In order to have an API which supports both languages, the content-type header for all requests should specify the format which you are using. For instance if you are building an XML feed the following should be included in the message header:

content-type: application/xml
Accept: application/xml

The endpoints, callable methods and parameters will be specified within this document and the associated web service schema files.

In order to use the Rightmove Real Time Datafeed you will need to have a new "network" set up by the Rightmove ADF Team – if you have an existing network for the old v3 feed we will still set up a new network to allow us the ability to gradually move branches over from one feed to the other. When your new network has been set up, Rightmove will provide you with your new Network ID which needs to be sent in the calls in order to verify that your feed has permissions to amend the properties in the branches which you are sending through. You will also receive a keystore file which will be required in order to pass authentication and connect to the Rightmove Datafeed API (this is described in more detail in Section 2 – Authentication).

XML Web Service Calls

All XML web service calls to the Rightmove Datafeed API will need to be UTF-8 encoded, and will need to validate correctly against the relevant XML schema. All of the fields in XML calls will need to be correct in order to validate against the schema, however, the call will still validate as being in the correct order if a non-mandatory field is not present in the call. Alternatively, you can pass through all of the fields and simply leave non-mandatory fields blank where the agent has not provided that piece of information.

1.1

1.1.1 XML Schema Terminology

Within the Rightmove Real Time Datafeed schema files there are a series of XML tags and attributes used to define how each element of each call should be used. This section of the specification is intended to clarify exactly what each piece of terminology means in the context of the Rightmove Real Time Datafeed.

XML term	Definition
element	This tag contains all of the information which defines a single parameter of the call – this can be either a group (which contains a number of fields) or a single field
name	This attribute of the element tag gives the name of the field or group (as used in this specification and error/warning messages for the Real Time Datafeed)
minOccurs	This attribute of the element tag indicates the minimum number of answer values expected for this element within the call. Where this value is given as zero this indicates that the field is not mandatory – if this value is not specified the field is mandatory
maxOccurs	This attribute of the element tag indicates the maximum number of answer values expected for this element within the call.
complexType	This tag indicates that this element is a group
sequence	This tag contains the fields within a group and will only appear within a "complexType" tag
simpleType	This tag indicates that this element is a field
restriction	This tag indicates the data type for the field, where the base value "int" indicates and integer, "decimal" indicates a numeric value where decimals are accepted, "string" indicates a string and "boolean" indicates a true/false field
annotation	This tag contains information describing the element
documentation	The tag contains the description of the information expected to be given for that field or group
enumeration	A list of enumeration values given within a restriction tag (with base="int") indicates the list of permitted values for a field – these are fields which are described as "SingleSelect" or "MultiSelect" fields within this specification.
minLength	The minimum length of a string which can be given for that field
maxLength	The maximum length of a string which can be given for that field
minInclusive	The minimum numeric value which is accepted for that field
maxInclusive	The maximum numeric value which is accepted for that field

Table 1-1: XML terminology definitions

JSON Web Service Calls

The JSON schema validation will not check the order of all of the fields within the web service call – they only need to be in the correct nestings within the call structure. Again, non-mandatory fields can be left out of the web service call or they can be included with the value left blank if the agent has not completed the field.

1.2 1.2.1 JSON schema terminology

There is some JSON terminology used within the Rightmove Real Time Datafeed schema files to define the usage of each property of each call. This section of the specification is intended to clarify exactly what is meant in the context of the Rightmove Real Time Datafeed when that terminology is used.

JSON term	Definition
id	The name of the field or group (as used in this specification and error/warning messages for the Real Time Datafeed)
type	The data type of the field – if a field is non-mandatory the type will have two values in the schema: first the data type expected for that field and then "null" to indicate that a null value will be accepted
description	The description of the information expected to be given for that field or group
required	True or false values indicate whether a given field is mandatory or non-mandatory
properties	A property with further properties will be referred to as a group in this document as opposed to a field – passing validation requires that the elements are all given within the correct hierarchy as defined by the use of "properties"
enum	The list of accepted values for fields which are described as "SingleSelect" or "MultiSelect" within this document. The definitions of the values given within the enum can be found in the description for that field
minLength	The minimum length of a string which can be given for that field
maxLength	The maximum length of a string which can be given for that field
minimum	The minimum numeric value which is accepted for that field
maximum	The maximum numeric value which is accepted for that field
additionalProperties	Indicates whether additional properties which are not present in the schema will be accepted – this is false in all cases for the Rightmove Real Time Datafeed schemas

Table 1-2: JSON terminology definitions

2 Authentication

Due to the increasing importance of security of data transfer over the internet, we have decided to increase the levels of security surrounding the Rightmove datafeed mechanism with the introduction of the Real Time Datafeed. This increase in security is there to protect the security of the agents' data between your systems and Rightmove's and to allow us to verify, beyond all reasonable doubt, that the data which is being provided to Rightmove via the datafeed is coming from the authorised data feed provider for that branch.

The data feed functionality described in this document will only be accessible by an authorised party using a mutually authenticated SSL/TLS connection; this will require the client to hold cryptographic credentials (provided by Rightmove) and is necessary in order to avoid exposing unprotected functionality over the public internet.

This is illustrated in figure 1.1 below[1].
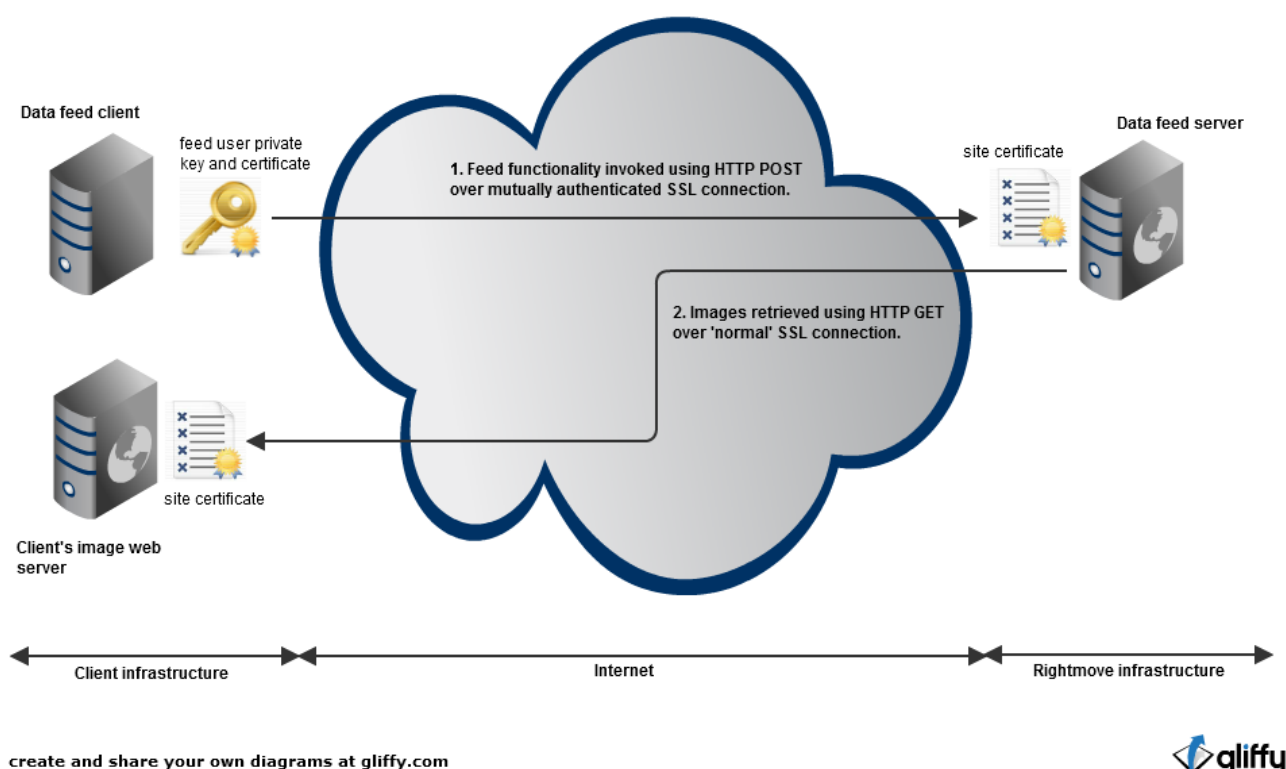
Figure 2-1: – Security / Authentication Overview

The technical protocols required are all established standards and the client development teams will need to look into the relevant implementations for their chosen technology (e.g. JSSE for Java, WCF or Sockets for .NET, various secure socket implementations for other languages).

Rightmove will provide the necessary credentials for client authentication to the feed application in the form of a keystore (file) containing a private key and an X509 certificate. This will be provided in whichever

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[1] whitelist for image server sites not shown

keystore file format is most suitable for the client's implementation (i.e. JKS or JCEKS for Java, PKCS#12 for Windows applications and PEM for other languages). This file will be delivered securely to the client by Rightmove. The cryptographic material in this file will only be used to authenticate the user to the Rightmove application and will not be used for non-repudiation purposes.

3   Adding & Updating Properties

The SendProperty web service call is used both to add and update properties in the Real Time Datafeed. Rightmove will perform a check based upon the Agent_Ref provided for the property in the SendProperty call to identify whether this is a new property or an update to an existing property.

Properties should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/sendpropertydetails

The content of the message should match the SendProperty schema files attached to this document. The web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

3.1   SendProperty Call Requests

The data within the SendProperty call is broken down into a series of "groups" in order to give structure to the format within which we receive data. The idea behind this is that any future data will be added into the logical data group which should make changes and enhancements to the Real Time Datafeed feel more integrated as we move forwards with this solution.

The following pages of this document cover the data elements which are currently included within the SendProperty call. For parameters which are identified as having a data type of either SingleSelect or MultiSelect there is a restricted list of answer values which can be sent for these fields. These values are specified for each field within the schema. These are not detailed within this document in order to avoid the schema and specification documents getting out of date. Whenever there is an update to the schema we will send out new versions of the schema, but at any point in time you can retrieve the current version of the schema from the SendProperty URL.

The next sections of this document go through the data elements within the SendProperty call by group. Here you should find all of the relevant information about the fields present within the SendProperty call, their data types and a description of the purpose of the field. Where appropriate there is also a specific explanation of why we are including certain parameters within the Real Time Datafeed.

3.1.1   Network group

The Network group contains data about the data network (or feed provider) which is sending the call request. Currently, the group only contains one data field – the network ID. This will be used for two pieces of validation:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to update data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 3-1: Network Fields

3.1.2 Branch group

The Branch group contains fields to identify the branch and channel which the property being uploaded belongs to. There is also an overseas flag which will be used to indicate which set of field validations should be used, as different data sets are required for UK and overseas properties.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	Yes
Overseas	Boolean	Flag to indicate whether or not a property is overseas	No

Table 3-2: Branch Fields

The Branch_ID and channel specified within the branch group will be validated against the Network_ID before any property details are changed as described above in section 3.1.1. There will also be checking carried out at this stage to verify that the Branch_ID given in the message has permission to advertise properties for the channel specified here (i.e. if the channel is given as 2 (lettings) for a resale only branch_ID the message will be rejected).

3.1.3 Property group

The Property group contains a series of fields and also a number of sub-groups which will contain all of the details of the property which are being sent through. The parameters listed in the table here are the fields which sit within the property group at the top level. The sub-groups of the property group: Address, Price, Details, Rooms, Principal & Media will all be discussed in their own sections below.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes
Published	Boolean	Defines whether this property should be visible on Rightmove	Yes
Property_Type	SingleSelect	The type of the property being sent in this message	Yes
Status	SingleSelect	The current transaction status for this property	Yes
New_Home	Boolean	Defines whether this property is a new build	No
Student_Property[2]	Boolean	Defines whether this property is available for student lettings	No
House_Flat_Share[2]	Boolean	Defines whether this advert is for a house/flat share	No
Create_Date	Timestamp	Date this property was created in the format: dd-MM-yyyy HH:mm:ss	No
Update_Date	Timestamp	Date this property was updated in the format: dd-MM-yyyy HH:mm:ss	No
Date_Available	Date	Date a rental property is available in the format: dd-MM-yyyy	No

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[2] These property fields (Student_Property, House_Flat_Share, Contract_Months, Minimum_Term and Let_Type) are lettings only fields. If data is entered in these fields for a sales property it will be ignored.

Contract_Months[2]	Number	Length of rental contract in months	No
Minimum_Term[2]	Number	Minimum term for the rental contract in months	No
Let_Type[2]	SingleSelect	The type of rental contract available for this property	No

Table 3-3: Property Fields

The key fields in the Property group include "Agent_Ref" and "Update_Date". The Agent_Ref is used to identify unique properties on Rightmove, and helps us decide whether the property being provided through the SendProperty call is a new property or an update to an existing property record. The Agent_Ref will also be used in conjunction with the Update_Date within the reconciliation method (GetBranchPropertyList). The details of this call can be found in section 4 of this document (Branch Reconciliation), but it is important to mention at this point that although the "Update_Date" is an optional field, the reconciliation method will only work fully if this field is provided with every SendProperty call.

If you are moving from the v3 ADF to the Real Time Datafeed it is worth noting the presence of a "Student_Property" flag within the property section, and the removal of the "Student" option in the "Let_Type" field. This is part of a move to clean up the "Let_Type" field, which will be used to determine the length of the rental contract (Short-term vs Long-term). This enables you to identify the difference between a short-term student let and a long-term student let, and will hopefully provide more flexibility within the system.

3.1.3.1 Address group

The address group is the first of a series of groups which sits nested within the Property group. This group contains all fields related to the address and the location of the property on a map.

Field name	Data type	Description	Mandatory
House_Name_Number	String	The first line of the address including the property name or number	Yes
Address_2	String	The second line of the address for this property	No
Address_3	String	The third line of the address for this property	No
Address_4	String	The fourth line of the address for this property	No
Town	String	The town in which the property is located	Yes
Postcode_1	String	The first half of the post code for the property being sent	Yes
Postcode_2	String	The second half of the post code for the property being sent	Yes
Display_Address	String	The address which should be displayed for the property being sent	Yes
Latitude	Number	The exact latitude of the property	No
Longitude	Number	The exact longitude of the property	No
POV_Latitude	Number	The latitude for the Google street view camera	No
POV_Longitude	Number	The longitude for the Google street view camera	No
POV_Pitch	Number	The pitch for the Google street view camera	No
POV_Heading	Number	The heading for the Google street view camera	No
POV_Zoom	Number	The zoom for the Google street view camera	No

Table 3-4: Address Fields

As with the v3 feed, the only address field which is published on any Rightmove application is the Display_Address field. The full detailed address will only be visible to the agent when they are viewing their own property data in their RightmovePlus account. One significant update in terms of these unpublished address data requirements from the v3 feed to the Real Time Datafeed is the new House_Name_Number field, which is a mandatory field. There are two main reasons for this:

1. This will be used to help improve Data Quality on Rightmove when identifying duplicate listings and sold properties which are still being advertised
2. To provide a better linking service between properties provided via the Real Time Datafeed and Sold Prices listings. If we have the house name and number the linking process between property listings on Rightmove and the Sold Price details we receive from the Land Registry is much more accurate

Other changes from the v3 feed include the addition of exact latitude and longitude fields in the Real Time Datafeed which offers new functionality enabling agents to provide the specific details of where the pin should appear on the map. The "POV" fields are a further extension of this functionality, allowing the exact positioning of the Google StreetView camera to be specified within the feed. These five fields map directly to the values which need to be passed to the Google StreetView API if you want to have a greater degree of control over the positioning of the camera than just the centre of the post code area.

3.1.3.2 Price Information group

The Price Information group is another sub-group within the Property group. This group contains all of the information relating to the price, sale type and any additional costs associated with the property.

Field name	Data type	Description	Mandatory
Price	Number	The price of the property being sent	Yes
Price_Qualifier	SingleSelect	The qualifier on the advertised price of the property being sent	No
Deposit[3]	Number	The deposit required for rental of the property being sent	No
Administration_Fee[3]	String	The admin fee required for the rental contract of the property being sent	No
Rent_Frequency[3]	SingleSelect	The frequency of rental payments for the property being sent	No
Tenure_Type[4]	SingleSelect	The tenure type for the sale of the property being sent	No
Auction[4]	Boolean	Indicates if this property is being sold at auction	No

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[3] These price fields (Deposit, Administration_Fee and Rent_Frequency) are lettings only fields. If data is entered in these fields for a sales property it will be ignored

[4] These price fields (Tenure_Type, Auction and Tenure_Unexpired_Years) are sales only fields. If data is entered in these fields for a lettings property it will be ignored

Tenure_Unexpired_Years[4]	Number	The number of years left on the tenure of this property	No
Price_Per_Unit_Area	Number	The price per unit area of the property being sent	No

Table 3-5: Price Fields

3.1.3.3 Details group

The Details group sits inside the Property group and contains the description information which appears within the property listing on Rightmove. This is one of the areas of the feed which has the most changes from the v3 feed. The aim of collecting this new property data is to try and move towards better quality listings with more searchable data on rightmove.co.uk. However, before we can start to use this data in searches we need to receive enough properties which contain this higher level of detail to make the searches meaningful to users on Rightmove which is why we are including it in the new feed specification.

Field name	Data type	Description	Mandatory
Summary	String	The summary description of the property being sent	Yes
Description	String	The full description of the property being sent	Yes
Features	Array of strings	Features of the property being sent	No
Bedrooms	Number	The number of bedrooms for the property being sent	Yes
Bathrooms	Number	The number of bathrooms for the property being sent	No
Reception_Rooms	Number	The number of reception rooms for the property being sent	No
Parking	MultiSelect	Parking options available for the property being sent	No
Outside_Space	MultiSelect	Outside spaces associated with the property being sent	No
Year_Built	Number	The year in which the property being sent was built	No
Internal_Area	Number	Total internal area of the property being sent	No
Internal_Area_Unit	SingleSelect	Units which the internal area is sent in	No
Land_Area	Number	Total land area of the property being sent	No
Land_Area_Unit	SingleSelect	Units which the land area is sent in	No
Floors	Number	Number of floors in the property being sent	No
Entrance_Floor	SingleSelect	Floor which the entrance to the property is on	No
Condition	SingleSelect	Condition of the property being sent	No

Accessibility	MultiSelect	Accessibility measures in place in this property	No
Heating	MultiSelect	Heating related features of the property being sent	No
Furnished_Type[5]	SingleSelect	Is furnishing included in the rental of this property	No
Pets_Allowed[5]	Boolean	Are pets permitted in the property being sent	No
Smokers_Considered[5]	Boolean	Are smokers considered for the property being sent	No
Housing_Benefit_Considered[5]	Boolean	Are people on housing benefit considered for the property being sent	No
Sharers_Considered[5]	Boolean	Are sharers considered for the property being sent	No
Burglar_Alarm	Boolean	Is there a burglar alarm in this property	No
Washing_Machine[5]	Boolean	Is there a washing machine in this property	No
Dishwasher[5]	Boolean	Is there a dishwasher in this property	No
All_Bills_Inc[5]	Boolean	Are bills included in the rental price of the property being sent	No
Water_Bill_Inc[5]	Boolean	Is the water bill included in the rental price of the property being sent	No
Gas_Bill_Inc[5]	Boolean	Is the gas bill included in the rental price of this property being sent	No
Electricity_Bill_Inc[5]	Boolean	Is the electricity bill included in the rental price of the property being sent	No
Oil_Bill_Inc[5]	Boolean	Is the oil bill included in the rental price of the property being sent	No
Council_Tax_Inc[5]	Boolean	Is council tax included in the rental price of the property being sent	No
TV_Licence_Inc[5]	Boolean	Is the TV licence included in the rental price of the property being sent	No
Sat_Cable_TV_Bill_Inc[5]	Boolean	Is satellite or cable TV included in the rental price of the property being sent	No
Internet_Bill_Inc[5]	Boolean	Is the internet bill included in the rental price of the property being sent	No
Business_For_Sale[6]	Boolean	Is there a business for sale with the commercial property being sent	No

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[5] These details fields are lettings only fields. If data is entered in these fields for a sales property it will be ignored
[6] These details fields are commercial specific fields. This data will be ignored if it is entered for a non-commercial property

Comm_Use_Class[6]	MultiSelect	The commercial use class(es) of the property being sent	No

3.1.3.4 Room Groups

The introduction of the room groups within the Real Time Datafeed is part of a process to move towards storing and displaying structured room data. The introduction of these fields now enables agents to either provide us with just the description in the property group containing all of the detail of the property, or to start providing a top level description which covers the features of the property as a whole, and then to provide individual room descriptions along with other specific room data (up to a maximum of 99 rooms). The Rooms group sits inside the details group and the detail will be displayed on the website beneath the main description content.

Field name	Data type	Description	Mandatory
Room_Name	String	The name of the room	Yes
Room_Description	String	The specific description of that room	No
Room_Length	Number	The length of the room	No
Room_Width	Number	The width of the room	No
Room_Dimension_Unit	SingleSelect	The units which the length and width of the room have been provided in	No
Room_Dimensions_Text	String	The description of the room dimensions	No
Room_Photo_URL	Array of strings	The URLs of images which should be associated with this room	No

Table 3-7: Room Fields

 Other features within this group also allow the agent to link up to ten of the images which they have sent to each of the rooms – please note that all URLs sent within the "Room_Photo_URLs" field should reference images which have been sent in the media groups for the property. This field is present to create a link to a piece of media which has been loaded for the property; it is not a separate method to upload further media for the property. It is also worth noting that each room name must be unique (e.g. Bedroom 1 and Bedroom 2 rather than Bedroom and Bedroom) and the rooms should be provided in the order you wish them to appear on the site. The Room_Photo_URL values within each room group should also be unique - you will be able to provide the same Room_Photo_URL for two different rooms, just not twice for the same room. The new Room_Dimensions_Text field has been added in to allow descriptive room dimensions where a simple numeric length and width description can't provide an accurate description of the room dimensions e.g. where a room narrows or is an L-shape.

3.1.3.5 Media groups

The process for sending media to Rightmove is one of the biggest changes between the v3 feed and the Real Time Datafeed. Instead of sending over media files along with the property data, you are now required to send over external URLs where the media is hosted and Rightmove will retrieve all the media associated with the property being sent. This external URL is one of several fields within the media group, which contains all of the related data to each piece of media associated with the property. It is worth noting that if multiple media groups are sent over with the same URL, the piece of media will only be retrieved once and a warning

message will be returned in the SendProperty response to indicate that there were duplicate media URLs in the message, and the piece of media has only been retrieved once.

The media group is a repeating group, with a maximum repeating instance of 999. This means that you can associate of up to 999 pieces of media with each property which you send via the Real Time Datafeed. This is a total limit across all media types: images, floorplans, brochures etc. This is another specific difference between the Real Time Datafeed and the v3 feed where there is a maximum limit associated with each media type rather than having a single limit for the total number of pieces of media which can be sent with a single property.

Field name	Data type	Description	Mandatory
Media_Type	SingleSelect	The type of media which is being sent	Yes
Media_URL	String	The URL to retrieve this piece of media from	Yes
Caption	String	The caption to be displayed for this piece of media	No
Sort_Order	Number	The display order for this piece of media	No
Media_Update_Date	Timestamp	The date the media at this URL was last updated in the format: dd-MM-yyyy HH:mm:ss	No

Table 3-8: Media Fields

When a property listing is created on Rightmove the Real Time Datafeed will download all associated media from the URLs sent in the media groups. However, if the feed identifies that a property listing is being updated rather than created, it will check the URL field and the Media_Update_Date within each media group, and if neither of these has changed the feed will not retrieve this piece of media again – this will not affect the ability to amend the caption or the sort order of the media. Similarly, if a URL which was previously present for that property is not present in any of the media groups within the new call this piece of media will be removed from the property listing on Rightmove. As such, while the "Media_Update_Date" field is an optional field, it plays a very important function, and we would encourage use of this field unless you can guarantee that every time a piece of media is changed on your system it will generate a new URL.

3.1.3.6   Principal Group

The fields within the principal group are here to capture some basic information about the estate agent's contact for the property, normally the landlord or the vendor. This data will not be published anywhere, the purpose behind gathering this data is to offer an additional service to the agent, whereby if they provide an email address for the principal and set the flags within this group, they can choose to have Rightmove automatically notify the principal when the property listing is first put live on Rightmove and/or whenever it is updated. These notification emails would include a link direct to their property on Rightmove so that the Principal can review the property listing as soon as it is published.

Field name	Data type	Description	Mandatory
Principal_Email_Address	String	The email address for the principal for this property	Yes

| Auto_Email_When_Live | Boolean | Defines whether the principal is emailed when this property is put live on Rightmove | No |
| Auto_Email_Updates | Boolean | Defines whether the principal is emailed when this property is updated on Rightmove | No |

Table 3-9: Principal Fields

SendProperty Call Responses

Whenever you call the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a SendProperty response:

3.2
1. Success – the property record has successfully been created or updated on Rightmove
2. Warning - the property record has successfully been created or updated on Rightmove, but one of the business rules has been triggered generating a warning message
3. Error – the property record is not created or updated due to an error

Field name	Data type	Description	Mandatory
Request_ID	String	The unique ID for the request	Yes
Message	String	The message content for the response	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the RemoveProperty request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the RemoveProperty response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Agent_Ref	String	Agent's unique reference for the property sent in the request	No
Rightmove_ID	Number	Rightmove's unique reference for the property sent in the request	No
Rightmove_URL	String	The URL for the property on Rightmove	No
Change_Type	String	Was the property which was sent being created, updated or removed	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No

| Warning _Description | String | The full description of the warning associated with the warning code which has been generated | No |
| Warning _Value | String | The value which caused this warning | No |

3.2.1 SendProperty Success Response

If the SendProperty call is successfully processed with no problems you will receive a SendProperty success message which will replay the Agent_Ref which was sent in the response, the Rightmove ID for the property, the URL where you can access the property on Rightmove and the change_type which will indicate whether a new property record has been created or an existing property record has been updated. The message will also include the timestamps for when the SendProperty call request was received and when the SendProperty call response was sent by the Rightmove Datafeed API.

3.2.2 SendProperty Warning Response

If the SendProperty call which is sent does not pass all of the business rules applied to property data on Rightmove, the property will be successfully updated and the response will contain all of the information described in section 3.2.1, but it will also contain one or more warning codes, descriptions and values within the Warnings section of the response. These warning codes map to a table of warning messages which is hosted here:

https://adfapi.rightmove.co.uk/v1/property/errorcodes

The full message is also returned in the Warning_Description field. As well as returning the warning code in the response message, the warning code and full warning text will be available to the agent within the Real Time Datafeed Error Report in RightmovePlus.

3.2.3 SendProperty Error Response

If the SendProperty call fails to create or update a property record on Rightmove the response will contain details of the errors which caused the message to fail and the timestamps for when the RemoveProperty call request was received and when the RemoveProperty call response was sent by the Rightmove Datafeed API. The response will include the error code, error message and (where possible) the value in the request which triggered the error. Where possible the response will also contain the Agent_Ref provided within the SendProperty request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. As with the warning codes the error codes and messages will be hosted here:

https://adfapi.rightmove.co.uk/v1/property/errorcodes

4   Removing Properties

The RemoveProperty web service call is used to remove properties from Rightmove.co.uk in the Real Time Datafeed. Rightmove will archive any property which is successfully removed using the "RemoveProperty" web service call.

Remove property requests should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/removeproperty

The content of the message should match the RemoveProperty schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

4.1   RemoveProperty Call Requests

The data within the RemoveProperty call contains a lot less content than the SendProperty call but the structure has been maintained, using a series of "groups" to help identify the hierarchy and to simplify the process surrounding any future data changes.

4.1.1   Network Group

As in the SendProperty call, the Network group only contains one data field – the network ID. This will be used for the same validation as in the SendProperty call:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 4-1: Network Fields

4.1.2   Branch Group

The Branch group contains fields to identify the branch and channel which the property being removed belongs to. The property which is specified in the message will only be removed if it exists within the branch and channel specified within this section of the RemoveProperty message.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	Yes

Table 4-2: Branch Fields

The Branch_ID and channel specified within the branch group will also be used as part of the second validation discussed in section 4.1.1 (the Network Group) to ensure that the Network_ID given within the message has permission to remove a property from the branch and the channel specified here.

4.1.3 Property Group

The Property data required for the RemoveProperty call is much simpler than that required for the SendProperty call, so in this case all of the data can be supplied within the group with no sub-groups required.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes
Removal_Reason	SingleSelect	The agent's reason for removing this property from Rightmove	No
Transaction_Date	Date	The date the transaction was completed (if applicable) - in the format: dd-MM-yyyy	No

Table 4-3: Property Fields

The Removal_Reason is an optional field, which allows the agent to record their reason for removing this property from Rightmove. If the Removal_Reason is given as "Let by us" or "Sold by us" the Transaction_Date can also be supplied. This should be the date when the rental agreement or sale agreement was completed.

4.2 RemoveProperty Call Responses

Whenever you send a RemoveProperty call to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for a RemoveProperty response:

1. Success – the property record has successfully been removed from Rightmove
2. Error – the property record has not been removed due to an error

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID of the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the RemoveProperty request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the RemoveProperty response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Agent_Ref	String	Agent's unique reference for the property sent in the request	No
Rightmove_ID	Number	Rightmove's unique reference for the property sent in the request	No
Rightmove_URL	String	The URL for the property on Rightmove	No

Change_Type	String	Was the property which was sent being created, updated or removed	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 4-4: RemoveProperty Response Fields

4.2.1 RemoveProperty Success Response

If the RemoveProperty call is successfully processed with no problems you will receive a RemoveProperty success message which will replay the Agent_Ref for the property which has been removed and the Rightmove ID for the property which has been removed. The message will also include the timestamps for when the RemoveProperty call request was received and when the RemoveProperty call response was sent by the Rightmove Datafeed API.

When a property is successfully removed via a RemoveProperty call request, the property will be moved to the agent's archived properties list and will still be visible on areas of Rightmove where archived properties are typically visible (these include the Sold Prices area of the website and the Best Price Guide).

4.2.2 RemoveProperty Error Response

If the RemoveProperty call fails to remove a property record on Rightmove the response will contain details of the errors which caused the message to fail and the timestamps for when the RemoveProperty call request was received and when the RemoveProperty call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Agent_Ref provided within the RemoveProperty request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. These error codes map to a table of warning messages which is hosted here:

https://adfapi.rightmove.co.uk/v1/property/errorcodes

5 Reconciliation

In order to give both the datafeed provider and Rightmove peace of mind, there is a Reconciliation method for the Real Time Datafeed which allows you to see a snapshot of the status of a branch's properties. This can then be used to identify any properties which are not in the status which you expect them to be in, and then to send the latest version of those properties across.

The mechanism is pretty simple, but it relies on the usage of the "Update_Date" field in the Property group (described in section 3.1.3) of the SendProperty call whenever you create and update properties.

Requests to retrieve the branch's property list should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbranchpropertylist

The content of the message should match the GetBranchPropertyList schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

GetBranchPropertyList Call Request

5.1 The data set for this call is very simple consisting of only the Network_ID and the Branch_ID, which are both mandatory fields, and then the Channel which is an optional field. Again the call has a hierarchical structure with separate groups for Network and Branch in order to make extending this service simpler.

When you first move to using the Real Time Datafeed we would recommend using this call daily with the suggestion that this could be cut back to a weekly check once your feed has been running on the Real Time Datafeed for a while.

5.1.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in the SendProperty and RemoveProperty calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 5-1: Network Fields

5.1.2 Branch Group

The Branch group contains fields to identify the branch and channel which the property list should be generated for.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

| Channel | SingleSelect | Defines whether this is the sales or lettings channel for a branch | No |

Table 5-2: Branch Fields

The Branch_ID and channel specified within the branch group will also be used as part of the second validation discussed in section 4.1.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch and the channel specified in this group. If the channel field is left blank, the validation will check that the network has access to both channels (if the branch is a dual branch), and will then return properties for both channels in the property list. If the branch is a lettings only or resale only, the validation will check the network has access to that branch, and then just return the properties for the channel which that branch is set up for. For cases where the datafeed provider only has access to one channel for a dual branch the channel must be specified within the GetBranchPropertyList call request or the call will fail validation.

GetBranchPropertyList Call Responses

5.2 Whenever you send a GetBranchPropertyList call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for a GetBranchPropertyList response:

1. Success – the current list of properties on Rightmove
2. Error – unable to return the current list of properties on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the GetBranchPropertyList request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the GetBranchPropertyList response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	No
PropertyList	Group (details below)	The information about the current property list for the branch/channel on Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No

Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 5-3: GetBranchPropertyList response Fields

5.2.1   GetBranchPropertyList Success Response

The success response for the GetBranchPropertyList call consists of a series of top level fields and then a repeating group for each property currently live on Rightmove. The Branch_ID will always return the Branch_ID sent in the property request and the Channel field will also return the value sent in the call request if it was completed in the request. However, if the Channel field was left blank in the request and the branch is a single channel branch this field will be completed in the response. If the Channel field was left blank in the request and the branch is a dual branch this field where the network has access to update properties for both channels, the Channel field will still be blank in the response and the response will contain the full list of properties for both channels.

5.2.1.1   Property Groups

The repeating Property group in the GetBranchPropertyList will give the Agent_Ref, the Rightmove_ID, Update_Date timestamp which was provided in the latest SendProperty call for that property and the channel of the property.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	No
Rightmove_ID	Number	Rightmove's unique reference for this property	No
Update_Date	Timestamp	Date this property was last updated in the format: dd-MM-yyyy HH:mm:ss	No
Channel	SingleSelect	The channel for this property	No

Table 5-4: Property Fields

If a property has been successfully removed from Rightmove it will not be present in this series of groups, so this list can be used to check that properties have been created as expected, that properties which are present are up-to-date, and also to check that there aren't any properties still live on Rightmove which should have been removed. In this version the channel has been added to the property group – this means that there is sufficient information within this call to generate a RemoveProperty call request from this response for any properties returned which should not still be on Rightmove.

5.2.2 GetBranchPropertyList Failure Response

If the GetBranchPropertyList call fails to retrieve the current list of properties which are live on Rightmove the response will contain details of the errors which caused the message to fail and the timestamps for when the GetBranchPropertyList call request was received and when the GetBranchPropertyList call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Branch_ID and Channel provided within the GetBranchPropertyList request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning codes is available for download from the same URL as the schema files.

6 Applying Premium Listing to properties

The AddPremiumListing web service call is used both to add and update the Premium Listing product for properties using the Real Time Datafeed. Rightmove will perform a check based upon the Agent_Ref provided for the property in the AddPremiumListing call to identify whether this is a new product application or an update to an existing Premium Listing. When applying a new Premium Listing the logic in the datafeed will perform a check to make sure that the branch has credits available for the product which is being applied (web or mobile premium listing) before applying the product. If there are not sufficient credits available, the call will fail and the error message will state that there were not sufficient credits available.

AddPremiumListing requests should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/addpremiumlisting

The content of the message should match the AddPremiumListing schema files attached to this document. The web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

AddPremiumListing Call Requests

6.1 The information within the AddPremiumListing call is broken down into a series of "groups" in a similar way to the property calls which have already been described.

The next sections of this document go through the data elements which are currently included within the AddPremiumListing call by group. For parameters which are identified as having a data type of either SingleSelect or MultiSelect there is a restricted list of answer values which can be sent for these fields. These values are specified within the enumeration for each field within the schema not detailed within this document. Whenever there is an update to the specification we will send out new versions, but the latest versions of the schema files are available at any point in time from the AddPremiumListing URL.

6.1.1 Network group

The Network group only contains the network ID field, which will be used for the same validation as in the property web service calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 6-1: Network Fields

6.1.2 Branch group

The Branch group contains fields to identify the branch and channel which the property list should be generated for.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	Yes

Table 6-2: Branch Fields

The Branch_ID and channel specified within the branch group will be validated against the Network_ID before any attempt to apply the product as described above in section 6.1.1. There will also be checking carried out at this stage to verify that the Branch_ID given in the message has credits for Premium Listing for the channel specified here (i.e. if the channel is given as 2 (lettings) for a branch_ID which doesn't have any Lettings Premium Listing credits available the message will be rejected).

6.1.3   Property group

The Property group contains an Agent_Ref to identify which property the product should be applied to and it also contains a nested "Premium Listing" group which contains the details about the application of the product for that property.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes

Table 6-3: Property Fields

A check will be carried out to verify that the property specified by the Agent_Ref matches the channel provided in the Branch group.

6.1.3.1   Premium Listing group

The Premium Listing group sits nested within the Property group. This group contains all fields related to the application and appearance of the Premium Listing product for this property.

Field name	Data type	Description	Mandatory
Display_Type	SingleSelect	The image layout which you would like associated with your premium listed property on Rightmove	Yes
Resale_Stamp_Text	SingleSelect	The stamp text which you would like displayed for your premium listed resale property on Rightmove (this field is mandatory if the channel provided is Resale)	Conditional
Lettings_Stamp_Text	SingleSelect	The stamp text which you would like displayed for your premium listed lettings property on Rightmove (this field is mandatory if the channel provided is Lettings)	Conditional
Web_Flag	Boolean	Is this a web premium listing	Yes
Mobile_Flag	Boolean	Is this a mobile premium listing	Yes

Table 6-4: Premium Listing Fields

The display type field will control the display of a premium listed property on Rightmove – the agent can choose to have either one large image or one large image with two smaller images. Either the resale stamp

text field or the lettings stamp text must be provided (these fields are conditionally mandatory based upon the value present for the Channel field in the Branch group). These set the text which is displayed in the red stamp on the Premium Listing. The web and mobile flags are used to identify which product the agent wants to apply to the property (Web Premium Listing and/or Mobile Premium Listing) – both flags must be specified in all calls as the two products are billed separately and have different credits so it is important that it is actively stated which product or products should be applied for each property.

AddPremiumListing Call Responses

Whenever you send an AddPremiumListing call to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for an AddPremiumListing response:

6.2

1. Success – the premium listing product has successfully been applied to your property
2. Error – the premium listing product has not been applied to your property due to an error

Field name	Data type	Description	Mandatory
Request_ID	String	The unique ID of the request	Yes
Message	String	The message content for the response	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Agent_Ref	String	Agent's unique reference for the property sent in the request	No
Rightmove_ID	Number	Rightmove's unique reference for the property sent in the request	No
Rightmove_URL	String	The URL for the property on Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove warning code generated due to failure to pass all of the business rules	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 6-5: AddPremiumListing Response Fields

6.2.1 AddPremiumListing Success Response

If the AddPremiumListing call is successfully processed with no problems you will receive an AddPremiumListing success message which will replay the Agent_Ref for the property which has had the premium listing product applied. The message will also include the timestamps for when the AddPremiumListing call request was received and when the AddPremiumListing call response was sent by the Rightmove Datafeed API.

When a Premium Listing is applied to a property it needs to be re-indexed before the product assets will be displayed on the summary listing in the property search results. This can take up to fifteen minutes under normal circumstances in the production environment.

6.2.2 AddPremiumListing Warning Response

If the AddPremiumListing call which is sent is only partially successful due to a business rule failure this will be returned as a warning in a success message rather than an error (e.g. successful application of a Lettings Premium Listing for Mobile, but failed application of Lettings Premium Listing for Web as there were no credits available for this product). The response will contain all of the information described in section 6.2.1, but it will also contain one or more warning codes, descriptions and values within the Warnings section of the response. These warning codes map to a table of warning messages which is hosted here:

https://adfapi.rightmove.co.uk/v1/property/errorcodes

The full message is also returned in the Warning_Description field. As well as returning the warning code in the response message, the warning code and full warning text will be available to the agent within the Real Time Datafeed Error Report in RightmovePlus.

6.2.3 AddPremiumListing Error Response

If the AddPremiumListing call fails to apply the product to the property the response will contain details of the errors which caused the message to fail and the timestamps for when the AddPremiumListing call request was received and when the AddPremiumListing call response was sent by the Rightmove Datafeed API. These error codes cover technical problems with the structure of the web service call and business rule failures where the business rules around product application have not been met e.g. no credits available for the channel/medium applied such as Lettings Premium Listing for Mobile).

Where possible the response will also contain the Agent_Ref provided within the AddPremiumListing request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. The latest error codes are hosted on the same URL as the warning codes (above).

7   Applying the Featured Property products to properties

The AddFeaturedProperty web service call is used to apply both the Featured Property subscription product and the Featured Property of the Week product to properties in the Real Time Datafeed. Rightmove will perform a check based upon the Agent_Ref provided for the property in the AddFeaturedProperty call to identify whether this product already has a featured property product applied, and will also perform a check to make sure that the branch has credits available (for Featured Property of the Week) or that the branch has the correct rotation settings and spaces available (for Featured Property subscription) before applying the product. If there are not sufficient credits available for Featured Property of the week, or if there are no available boxes or the branch has automatic rotation set up for the Featured Property product, the call will fail and the error message will explain which of the above business rules for the products caused the failure of the call.

AddFeaturedProperty requests should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/addfeaturedproperty

The content of the message should match the AddFeaturedProperty schema files attached to this document. The web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

7.1   AddFeaturedProperty Call Requests

The information within the AddFeaturedProperty call is broken down into a series of "groups" with a very similar structure to the AddPremiumListing call described in section 6.

The next sections of this document go through the data elements which are currently included within the AddFeaturedProperty call by group. For parameters which are identified as having a data type of either SingleSelect or MultiSelect there is a restricted list of acceptable answer values which are specified within the enumeration for each field within the schema not detailed within this document. Whenever there is an update to the specification we will endeavour to send out new versions, but the latest versions of the schema files are available at any point in time from the AddFeaturedProperty URL.

7.1.1   Network group

The Network group only contains the network ID field, which will be used for the same validation as in the AddPremiumListing web service call:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 7-1: Network Fields

7.1.2 Branch group

The Branch group contains fields to identify the branch and channel which the property list should be generated for.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	Yes

Table 7-2: Branch Fields

The Branch_ID and channel specified within the branch group will be validated against the Network_ID before any attempt to apply the Featured Property product as described above in section 7.1.1. There will also be checking carried out at this stage to verify that the Branch_ID given in the message either has credits for the Featured Property of the Week product for the channel specified here or that the branch has the Featured Property Subscription product turned on for that channel and that they have the rotation settings set to be manual and have Featured Property boxes available if applicable.

7.1.3 Property group

The Property group contains an Agent_Ref to identify which property the product should be applied to and it also contains a nested "Featured Property" group which contains the details about which featured property product should be applied to the property.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes

Table 7-3: Property Fields

A check will be carried out to verify that the property specified by the Agent_Ref matches the channel provided in the Branch group.

7.1.3.1 Featured Property group

The Featured Property group sits nested within the Property group. This group contains one field which is used to identify which of the Featured Property products should be applied for this property.

Field name	Data type	Description	Mandatory
Featured_Property_Type	SingleSelect	Defines which featured property product is applied	Yes

Table 7-4: Featured Property Fields

The featured property type field will control which product is applied to the property on Rightmove – the subscription product or the Featured Property of the Week product. Only one of the products can be applied to any given property at any specific point in time, which is why this has been set up as a single select rather than as two flags (like the mobile and web flags in the AddPremiumListing call).

AddFeaturedProperty Call Responses

Whenever you send an AddFeaturedProperty call to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for an AddFeaturedProperty response:

1. Success – the premium listing product has successfully been applied to your property
2. Error – the premium listing product has not been applied to your property due to an error

7.2

Field name	Data type	Description	Mandatory
Request_ID	String	The unique ID of the request	Yes
Message	String	The message content for the response	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Agent_Ref	String	Agent's unique reference for the property sent in the request	No
Rightmove_ID	Number	Rightmove's unique reference for the property sent in the request	No
Rightmove_URL	String	The URL for the property on Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove warning code generated due to failure to pass all of the business rules	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 7-5: AddFeaturedProperty Response Fields

7.2.1   AddFeaturedProperty Success Response

If the AddFeaturedProperty call is successfully processed with no problems you will receive an AddFeaturedProperty success message which will replay the Agent_Ref for the property which has had the featured property product applied. The message will also include the timestamps for when the AddFeaturedProperty call request was received and when the AddFeaturedProperty call response was sent by the Rightmove Datafeed API.

When a Featured Property product is applied to a property it needs to be re-indexed before the property will be displayed in the Featured Property boxes on search results page. This can take up to fifteen minutes under normal circumstances in the production environment.

7.2.2   AddFeaturedProperty Error Response

If the AddFeaturedProperty call fails to apply the product to the property the response will contain details of the errors which caused the message to fail and the timestamps for when the AddFeaturedProperty call request was received and when the AddFeaturedProperty call response was sent by the Rightmove Datafeed API. These error codes cover technical problems with the structure of the web service call and business rule failures where the business rules around product application have not been met e.g. no credits available for the Featured Property of the Week product, or the Featured Property subscription rotation setting is set to one of the two automatic rotation types.

Where possible the response will also contain the Agent_Ref provided within the AddFeaturedProperty request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. The latest error codes are hosted on the same URL as the warning codes (above).

8 Removing the Featured Property Subscription product from properties

The RemoveFeaturedProperty web service call is used to remove the Featured Property subscription product from properties using the Real Time Datafeed (once the Featured Property of the Week product has been applied it cannot be removed from the property). Rightmove will perform a check based upon the Agent_Ref provided for the property in the RemoveFeaturedProperty call to identify whether this property has the featured property subscription product applied with the correct rotation settings at branch level. If the property doesn't have a featured property product applied or it has the Featured Property of the week applied, or the branch has automatic rotation set up for the Featured Property product the call will fail and the error message will explain which of the above business rules for the products caused the failure of the call.

RemoveFeaturedProperty requests should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/removefeaturedproperty

The content of the message should match the RemoveFeaturedProperty schema files attached to this document. The web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

8.1 RemoveFeaturedProperty Call Requests

The information within the RemoveFeaturedProperty call is broken down into a series of "groups" with an identical structure to the AddFeaturedProperty call described in section 7 except there is no Featured Property group.

The next sections of this document go through the data elements which are currently included within the RemoveFeaturedProperty call by group. For parameters which are identified as having a data type of either SingleSelect or MultiSelect there is a restricted list of acceptable answer values which are specified within the enumeration for each field within the schema not detailed within this document. Whenever there is an update to the specification we will endeavour to send out new versions, but the latest versions of the schema files are available at any point in time from the RemoveFeaturedProperty URL.

8.1.1 Network group

The Network group only contains the network ID field, which will be used for the same validation as in the AddPremiumListing web service call:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch and channel specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 8-1: Network Fields

8.1.2   Branch group

The Branch group contains fields to identify the branch and channel which the property list should be generated for.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes
Channel	SingleSelect	Defines whether this is the sales or lettings channel for a branch	Yes

<div align="center">**Table 8-2: Branch Fields**</div>

The Branch_ID and channel specified within the branch group will be validated against the Network_ID before any attempt to remove the Featured Property product as described above in section 8.1.1. There will also be checking carried out at this stage to verify that the Branch_ID given in the message has the Featured Property Subscription product turned on for that channel with the rotation settings set to be manual.

8.1.3   Property group
The Property group contains an Agent_Ref to identify which property the product should be removed from.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes

<div align="center">**Table 8-3: Property Fields**</div>

A check will be carried out to verify that the property specified by the Agent_Ref matches the channel provided in the Branch group.

8.2   RemoveFeaturedProperty Call Responses

Whenever you send a RemoveFeaturedProperty call to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for a RemoveFeaturedProperty response:

1. Success – the featured property product has successfully been removed from your property
2. Error – the featured property product has not been removed from your property due to an error

Field name	Data type	Description	Mandatory
Request_ID	String	The unique ID of the request	Yes
Message	String	The message content for the response	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Agent_Ref	String	Agent's unique reference for the property sent in the request	No

Rightmove_ID	Number	Rightmove's unique reference for the property sent in the request	No
Rightmove_URL	String	The URL for the property on Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove warning code generated due to failure to pass all of the business rules	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 8-4: RemoveFeaturedProperty Response Fields

8.2.1   RemoveFeaturedProperty Success Response

If the RemoveFeaturedProperty call is successfully processed with no problems you will receive a RemoveFeaturedProperty success message which will replay the Agent_Ref for the property which has had the featured property product removed. The message will also include the timestamps for when the RemoveFeaturedProperty call request was received and when the RemoveFeaturedProperty call response was sent by the Rightmove Datafeed API.

8.2.2   RemoveFeaturedProperty Error Response

If the RemoveFeaturedProperty call fails to remove the product from the property the response will contain details of the errors which caused the message to fail and the timestamps for when the RemoveFeaturedProperty call request was received and when the RemoveFeaturedProperty call response was sent by the Rightmove Datafeed API. These error codes cover technical problems with the structure of the web service call and business rule failures where the business rules around removal of the product have not been met e.g. the property had the Featured Property of the Week product applied, or the Featured Property subscription rotation setting is set to one of the two automatic rotation types.

Where possible the response will also contain the Agent_Ref provided within the RemoveFeaturedProperty request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. The latest error codes are hosted on the same URL as the warning codes (above).

9 Branch Level Property Performance Reporting

The Real Time Datafeed offers two levels of reporting: the GetBranchPerformance call – which reports on all of a branch's properties for a given date; and the GetPropertyPerformance call - which reports on an individual property's performance on the site over a period of time. This section provides detail about using the GetBranchPerformance call, and Chapter 10 gives details on the usage of the GetPropertyPerformance call.

As a general rule, we would advise feed providers to make a choice between using the GetBranchPerformance call daily and aggregating the data for all of a branch's properties or using GetPropertyPerformance call as and when users request performance data for a property – depending on whether you want to build up a performance data set within your own system or whether you want to just retrieve the data in order to display it.

Requests to retrieve a branch's property performance data should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbranchperformance

The content of the message should match the GetBranchPerformance schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

9.1 GetBranchPerformance Call Request

The data set for this call is very simple consisting of only the Network_ID, the Branch_ID and Export_Date. All fields within the call request are mandatory. Again the call has a hierarchical structure with separate groups for Network and Branch in order to make extending this service simpler.

Field name	Data type	Description	Mandatory
Export_Date	String	The date for the export period - this cannot be more than 28 days ago, and can only be for a single date, in the format: dd-MM-yyyy	Yes

<div align="center">Table 9-1: GetBranchPerformance Fields</div>

The only field at the top level in the GetBranchPerformance call is the Export_Date field. Like the start and end dates for the export period in the GetPropertyPerformance call, this field is only a date field, not a date-time field.

9.1.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API

2. To ensure that the network ID specified has permission to access data for the branch specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 9-2: Network Fields

9.1.2 Branch Group

The Branch group only contains the branch ID to specify which branch to retrieve the property performance data for.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

Table 9-3: Branch Fields

The Branch_ID specified within the branch group will also be used as part of the second validation discussed in section 9.1.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch specified in this group.

GetBranchPerformance Call Responses

9.2 Whenever you send a GetBranchPerformance call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for a GetBranchPerformance response:

1. Success – the performance data for the branch's properties on Rightmove on the export date
2. Error – unable to return the performance data for the branch on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Export_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Agent_Ref	String	Agent's unique reference for this property	Yes

Performance_Data	Group (details below)	Branch performance data, for the selected export date	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 9-4: GetBranchPerformance response Fields

9.2.1   GetBranchPerformance Success Response

The success response for the GetBranchPerformance call consists of a series of top level fields and then a repeating group for each property containing the performance data from Rightmove. The Network_ID, Branch_ID and Export_Date fields will always return the values sent in the call request.

As with the success response for the GetPropertyPerformance call there is "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present to indicate any time period where some data might be missing due to as it has not yet been replicated across all three sites. For the GetBranchPerformance call, this field is only of relevance if the export_date is yesterday and the Replication_Lag is displaying as more minutes than there have been since yesterday (e.g. at 00.10 if the replication lag is 10 or more there could be some inaccuracy in the data reported for yesterday). We would advise that feed providers who are making this call daily to aggregate the data for local reporting wait make this call between 3-7am daily to ensure that replication does not cause a problem, but to still allow plenty of time for the data to be processed before the start of the working day.

9.2.1.1   Property Data Groups

The repeating PropertyData group in the GetBranchPerformance call will give the Agent_Ref, Display_Address, Price, Rightmove_ID, Rightmove_URL and the Featured_Property and Premium_Listing flags for that property. This group will be repeated based upon the stock for the branch within the GetBranchPerformance call request, with one instance per property.

Field name	Data type	Description	Mandatory
Agent_Ref	String	The agent's unique reference for the property	Yes

Display_Address	String	The display address of the property on Rightmove	
Price	Integer	The current listed price for the property on Rightmove	
Rightmove_ID	Integer	Rightmove's unique reference for the property	
Rightmove_URL	String	The Rightmove URL for the property	
Featured_Property	Boolean	Y/N - was the property a featured property on this date?	Yes
Premium_Listing	Boolean	Y/N - was the property a premium listing on this date?	Yes

<div align="center">

Table 9-5: Property Data Fields

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This repeating group also contains two sub-groups – Summary_Views and Detail_Views.

The summary views section reports on the number of times that the property summary has been viewed – this is when the property summary and the first property image are loaded: for instance when the property appears in search results.

Field name	Data type	Description	Mandatory
Total_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date	Yes
Desktop_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date, when viewed from a desktop PC	Yes
Mobile_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date, when viewed from a mobile device	Yes

<div align="center">

Table 9-6: Summary Views Fields

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The detail views section reports on the number of times that the full property details have been viewed on Rightmove on the export date.

Field name	Data type	Description	Mandatory
Total_Detail_Views	Integer	The total number of detail views of the property on the requested date	Yes
Desktop_Detail_Views	Integer	The total number of detail views of the property on the requested date, when viewed from a desktop PC	Yes
Mobile_Detail_Views	Integer	The total number of detail views of the property on the requested date, when viewed from a mobile device	Yes

<div align="center">

Table 9-7: Detail Views Fields

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9.2.2   GetBranchPerformance Failure Response

If the GetBranchPerformance call fails to retrieve the performance data for the branch's properties on Rightmove the response will contain details of the errors which caused the message to fail and the

timestamps for when the GetBranchPerformance call request was received and when the GetBranchPerformance call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Branch_ID, and Export_Date details provided within the GetBranchPerformance request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

10 Individual Property Performance Reporting

The GetPropertyPerformance call reports on an individual property's performance over a range of dates as opposed to the GetBranchPerformance call which reports on all of a branch's properties for a given date.

As mentioned in section 10, we would advise that the GetPropertyPerformance call is used as and when users request performance data for a property, whereas the GetBranchPerformance call is designed to be used daily by feed providers who wish to build up a local database of property performance on Rightmove.

Requests to retrieve a property's performance data should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getpropertyperformance

The content of the message should match the GetPropertyPerformance schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

10.1 GetPropertyPerformance Call Request

The data set for this call is fairly simple consisting of only the Network_ID, the Branch_ID, the Agent_Ref and the start and end dates for the export period. All fields within the call request are mandatory. Again the call has a hierarchical structure with separate groups for Network, Branch, Property and Export Period in order to make extending this service simpler.

10.1.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 10-1: Network Fields

10.1.2 Branch Group

The Branch group only contains the branch ID to specify which branch the property belongs to.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

Table 10-2: Branch Fields

The Branch_ID specified within the branch group will also be used as part of the second validation discussed in section 10.1.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch specified in this group.

10.1.3 Property Group

The Property group also only contains one field - the Agent_Ref for the property which the performance data is being requested.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes

Table 10-3: Property Fields

The Agent_Ref specified within the property group will also be validated against the Branch_ID specified in the Branch group to verify that it is within the branch specified (and therefore that the network has access to this data based on the validation discussed in section 10.1.1.

10.1.4 Export Period Group

The Export Period group defines the time period for which the property performance data is being requested. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 10-4: Export Period Fields

10.2 The entire export period must be within the last 28 days, as performance data is archived after a 28 day period. There is no maximum export period for this call beyond the 28 day archival limit.

GetPropertyPerformance Call Responses

Whenever you send a GetPropertyPerformance call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are two types of response which you can receive for a GetPropertyPerformance response:

1. Success – the performance data for the Property on Rightmove within the export period specified
2. Warning - the performance data for the Property on Rightmove within the export period specified with warning messages describing any part of the export data which could not be retrieved
3. Error – unable to return the performance data for the Property on Rightmove

Field name	Data type	Description	Mandatory

Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Agent_Ref	String	Agent's unique reference for this property	Yes
Property_Views_Daily	Group (details below)	The information about the current property list for the branch/channel on Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 10-5: GetPropertyPerformance response Fields

10.2.1 GetPropertyPerformance Success Response

The success response for the GetPropertyPerformance call consists of a series of top level fields and then a repeating group for each day of performance data from Rightmove. The Network_ID, Branch_ID, Agent_Ref and Export_Period fields will always return the values sent in the call request.

Within the Success response there is an additional top level field which is present in all performance and lead reporting calls (but which is not present in the Property or Product calls discussion in sections 1-8). This is the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated

between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data might be missing due to as it has not yet been replicated across all three sites. For the GetPropertyPerformance call, this field is only of relevance if Export_Period includes yesterday's data and the Replication_Lag is displaying as more minutes than there have been since yesterday (e.g. at 00.10 if the replication lag is 10 or more there could be some inaccuracy in the data reported for yesterday).

10.2.1.1 PropertyViewsDaily Groups

The repeating PropertyViewsDaily group in the GetPropertyPerformance call will give the Date and the Featured_Property and Premium_Listing flags which indicate whether the property had those products applied on that date. This group will be repeated based upon the export period specified within the GetPropertyPerformance call request, with one instance per day in the export period.

Field name	Data type	Description	Mandatory
Date	String	The date property performance metrics have been requested for	Yes
Featured_Property	Boolean	Y/N - was the property a featured property on this date?	Yes
Premium_Listing	Boolean	Y/N - was the property a premium listing on this date?	Yes

Table 10-6: Property Views Daily Fields

This repeating group also contains two sub-groups – Summary_Views and Detail_Views, which give a breakdown of how that property has performed including details of the property's performance on desktop and mobile devices.

The summary views section reports on the number of times that the property summary has been viewed – this is when the property summary and the first property image are loaded: for instance when the property appears in search results.

Field name	Data type	Description	Mandatory
Total_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date	Yes
Desktop_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date, when viewed from a desktop PC	Yes
Mobile_Summary_Views	Integer	The total number of times the property has appeared in a summary view on the requested date, when viewed from a mobile device	Yes

Table 10-7: Summary Views Fields

The detail views section reports on the number of times that the full property details have been viewed on Rightmove for that date.

Field name	Data type	Description	Mandatory
Total_Detail_Views	Integer	The total number of detail views of the property on the requested date	Yes
Desktop_Detail_Views	Integer	The total number of detail views of the property on the requested date, when viewed from a desktop PC	Yes
Mobile_Detail_Views	Integer	The total number of detail views of the property on the requested date, when viewed from a mobile device	Yes

Table 10-8: Detail Views Fields

10.2.2 GetPropertyPerformance Warning Response

If a warning is returned in a GetPropertyPerformance response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetPropertyPerformance Success Response (see section 9.2.1), but will also contain details of the problems which caused the message to partially fail. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetPropertyPerformance call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

10.2.3 GetPropertyPerformance Failure Response

If the GetPropertyPerformance call fails to retrieve the performance data for the property on Rightmove the response will contain details of the errors which caused the message to fail and the timestamps for when the GetPropertyPerformance call request was received and when the GetPropertyPerformance call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Branch_ID, Agent_Ref and Export_Period details provided within the GetPropertyPerformance request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

11 Brand Email Lead Export

The Real Time Datafeed offers the ability to get regular exports of email leads and telephone leads for a brand or branch and also to export the email leads for a specific property. This section provides detail about using the GetBrandEmails call which retrieves all email leads for a branch, and Chapters 12 and 13 give details on the usage of the GetBranchEmails and GetPropertyEmails calls. Chapters 14 and 15 will cover usage of the telephone lead exporting capabilities of the feed.

How to use the GetBrandEmails Call

As a general rule, we would advise feed providers to make a choice between using the two brand level export calls (GetBrandEmails and GetBrandPhoneLeads) or the two branch level calls (GetBranchEmails and GetBranchPhoneLeads) at regular intervals (maximum suggested frequency is every 15 minutes) to build up a local database of Rightmove leads for a brand or branch, or using the GetPropertyEmails call as and when a user requests the email leads for a property to give the user the data they request on the fly without any requirement to store that data locally.

Rightmove guidance around regular usage of this call would be to send requests at a fixed frequency, with an overlap in export periods if you are requesting the latest data in order to try and minimise the loss of data due to replication lag.

Examples for the frequency/export period combinations:

1. Call the service every 15 minutes, and always request the last 20 minutes' worth of data
2. Call the service hourly and always request the last 70 minutes' worth of data
3. Call the service daily and always request the last 25 hours' worth of data

There is a further failsafe built into these calls where the replication lag time at the point of the data being returned is included within the response. Therefore if you were to use the framework outlined in option 1 above, you could build a mechanism to re-request data if the replication lag returns as greater than 5 minutes (and therefore is not covered by the routine duplication in requests).

Requests to retrieve a branch's email leads should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbrandemails

The content of the message should match the GetBrandEmails schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

GetBrandEmails Call Request

The data set for this call is similar to the GetBranchPerformance consisting of the Network_ID, the Brand_ID (instead of the branch_ID) and the start and end dates for the export period. All fields within the call request are mandatory and the call has a hierarchical structure with separate groups for Network, Brand and Export Period in order to make extending this service simpler.

11.2.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the brand specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 11-1: Network Fields

11.2.2 Brand Group

The Brand group only contains the brand ID to specify which brand to retrieve the email leads for.

Field name	Data type	Description	Mandatory
Brand_ID	Number	Unique Rightmove reference for this brand	Yes

Table 11-2: Brand Fields

The Brand_ID specified within the brand group will also be used as part of the second validation discussed in section 11.2.1 (the Network Group) to ensure that the Network_ID given within the message has access to the brand specified in this group.

11.2.3 Export Period Group

The Export Period group defines the time period for which the email lead data is being exported. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 11-3: Export Period Fields

The entire export period must be within the last 28 days, as performance data is archived after a 28 day period and the maximum export period is 24 hours. This restriction is in place to try and preserve performance of the web service considering the large volume of data returned in the call response per email which is being exported. In the case where the full 28 days' worth of data needs to be retrieved (for a new brand moving to a feed, or if stored data is lost) simply send consecutive calls for the last 28 24-hour periods.

GetBrandEmails Call Responses

Whenever you send a GetBrandEmails call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a GetBrandEmails response:

1. Success – the email leads from Rightmove for that brand within the export period specified
11.3 2. Warning – the email leads from Rightmove for that brand within the export period specified with warning messages describing any part of the export period for which data could not be retrieved
3. Error – unable to return the email leads for the brand on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Brand_ID	Number	Unique Rightmove reference for this brand	No
Branch	Group (details below)	Details about which branch's emails are being retrieved	No
Emails	Group (details below)	Details of all the emails sent for the branch during the export period (nested within the branch group)	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No

Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

11.3.1 GetBrandEmails Success Response

The success response for the GetBrandEmails call consists of a series of top level fields and then a repeating group for each email lead from Rightmove. The Network_ID, Brand_ID and Export_Period fields will always return the values sent in the call request. Within the Success response there is also the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data might be missing as it has not yet been replicated across all three sites. For the GetBrandEmails call, this field is only important if the Export_Period in the request includes data within the time period affected by the Replication_Lag – for example:

If the Replication_Lag is displaying as 5 minutes it is only important if the data requested included the last 5 minutes. Some recommended solutions for setting up an automated frequent call usage which eliminate the impact of replication as far as possible were discussed in section 11.1.

11.3.1.1 Branch Groups

The repeating Branch group in the GetBrandEmails call will give the unique Rightmove Branch_ID for a single branch within the brand, and then contains an Email group which details the email leads received for that branch.

This group will be repeated for each branch within the brand which has received email leads from Rightmove within the export period defined in the GetBrandEmails call request.

Branch_ID	Number	Unique Rightmove reference for this branch	No

Table 11-5: Branch Fields

11.3.1.2 Email Groups

The repeating Email group within each repeating Branch group will give the unique Rightmove Email_ID, the email address the email was sent from, the email address the email was sent to, the date which the email was sent and details of the type of email lead that email is (this can indicate multiple actions requested by the user within one email, such as a viewing request and a valuation request). The unique Rightmove Email_ID can be used to de-duplicate data where data has to be re-requested due to replication problems.

This group will be repeated for each email lead which was sent to that branch from Rightmove within the export period defined in the GetBrandEmails call request.

Field name	Data type	Description	Mandatory
Email_ID	Integer	Unique Rightmove identifier for this email	Yes

From_Address	String	The email address which the email came from	Yes
To_Address	String	The email address which the email was sent to	Yes
Email_Date	String	The date the original email was sent in the format: dd-MM-yyyy	Yes
Email_Type	Array of strings	The type of email sent	Yes

This repeating group also contains two sub-groups – User and Property, which give some more detailed information about that email lead. The User group is broken down further into two sub-sections – one containing the User's contact details, and the other detailing further information about the user's current position in terms of buying/letting any property they currently own.

Field name	Data type	Description	Mandatory
Title	String	The user's title	No
First_Name	String	The user's first name	No
Last_Name	String	The user's last name	No
Address	String	The user's address	No
Postcode	String	The user's postcode	No
Country	String	The user's country of residence	No
Phone_Day	String	The user's daytime telephone number	No
Phone_Evening	String	The user's evening telephone number	No
DPA_Flag	Boolean	Indicates whether the user wishes for their data to be protected	No

Field name	Data type	Description	Mandatory
Move_Date	SingleSelect	The date the user is looking to move	No
Moving_Reason	String	Why the user is looking to move	No
Property_to_Sell	Integer	Indicates whether the user has a property to sell	No
Property_to_Rent	Integer	Indicates whether the user has a property to rent	No
Financial_Advice	Boolean	Indicates whether the user wants financial advice	No
Part_Exchange	Boolean	Indicates whether the user is interested in part exchange	No
Comments	String	Any further comments which the user has included	No

The Property section provides information around which property on Rightmove the lead was sent for. The response returns a range of key identifying features of the property to allow flexibility around how this information is returned to an agent – offering information such as the postcode and price as well as the Agent Ref so that agents can quickly and easily identify the property. The response also includes the unique

Rightmove ID (to allow easy matching based upon other Rightmove calls) and the URL for the property on Rightmove.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for the property	Yes
Rightmove_ID	Integer	Rightmove's unique reference for the property	Yes
Rightmove_URL	String	The Rightmove URL for the property	Yes
Price	Integer	The current listed price for the property on Rightmove	Yes
Postcode	String	The postcode provided for the property	Yes
Bedrooms	Integer	The number of bedrooms the property has	Yes
Style	String	The style for the property listing - for New Homes Developments only	Yes
Property_Type	Integer	The type of the property	Yes

Table 11-9: Property Fields

11.3.2 GetBrandEmails Warning Response

If a warning is returned in a GetBrandEmails response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetBrandEmails Success Response (see section 11.3.1), but will also contain details of the problems which caused the message to partially fail. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetBrandEmails call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

11.3.3 GetBrandEmails Failure Response

If the GetBrandEmails call fails to retrieve the email lead data from Rightmove for that brand the response will contain details of the errors which caused the message to fail and the timestamps for when the GetBrandEmails call request was received and when the GetBrandEmails call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Brand_ID, and Export_Period details provided within the GetBrandEmails request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

12 Branch Email Lead Export

The Real Time Datafeed offers the ability to get regular exports of email leads at branch level as well as for a whole brand.

How to use the GetBranchEmails Call

As with the brand level email lead export, we would advise feed providers to use GetBranchEmails at regular intervals (maximum suggested frequency is every 15 minutes) to build up a local database of Rightmove leads for a branch.

12.1 Rightmove guidance around regular usage of this call would be to send requests at a fixed frequency, with an overlap in export periods if you are requesting the latest data in order to try and minimise the loss of data due to replication lag.

Examples for the frequency/export period combinations:

1. Call the service every 15 minutes, and always request the last 20 minutes' worth of data
2. Call the service hourly and always request the last 70 minutes' worth of data
3. Call the service daily and always request the last 25 hours' worth of data

As with the GetBrandEmails call the replication lag time at the point of the data being returned is included within the response. Therefore if a user requests data up until the current point in time it may be worth displaying this piece of information to the user so that they are aware that they may not have all of the data for the last x minutes.

Requests to retrieve a branch's email leads should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbranchemails

The content of the message should match the GetBranchEmails schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have 12.2 the correct set of schema files.

GetBranchEmails Call Request

The data set for this call is exactly the same as the GetBranchPerformance consisting of the Network_ID, the Branch_ID and the start and end dates for the export period. All fields within the call request are mandatory and the call has a hierarchical structure with separate groups for Network, Branch and Export Period in order to make extending this service simpler.

12.2.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API

2. To ensure that the network ID specified has permission to access data for the branch specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 12-1: Network Fields

12.2.2 Branch Group

The Branch group only contains the branch ID to specify which branch the property belongs to.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

Table 12-2: Branch Fields

The Branch_ID specified within the branch group will also be used as part of the second validation discussed in section 11.2.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch specified in this group.

12.2.3 Export Period Group

The Export Period group defines the time period for which the email lead data is being exported. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 12-3: Export Period Fields

The entire export period must be within the last 28 days, as performance data is archived after a 28 day period and the maximum export period is 7 days. This restriction is in place to try and preserve performance of the web service considering the large volume of data returned in the call response per email which is being exported. In the case where the full 28 days' worth of data needs to be retrieved (for a new branch moving to a feed, or if stored data is lost) simply send 4 consecutive calls for the last four 7 day periods.

12.3

GetBranchEmails Call Responses

Whenever you send a GetBranchEmails call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a GetBranchEmails response:

1. Success – the email leads from Rightmove for that branch within the export period specified
2. Warning – the email leads from Rightmove for that branch within the export period specified with warning messages describing any part of the export period for which data could not be retrieved

3. Error – unable to return the email leads for the branch on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Emails	Group (details below)	The information about the emails which the branch has received from Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 12-4: GetBranchEmails response Fields

12.3.1 GetBranchEmails Success Response

The success response for the GetBranchEmails call consists of a series of top level fields and then a repeating group for each email lead from Rightmove. The Network_ID, Branch_ID and Export_Period fields will always return the values sent in the call request. Within the Success response there is also the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data might be missing

as it has not yet been replicated across all three sites. For the GetBranchEmails call, this field is only important if the Export_Period in the request includes data within the time period affected by the Replication_Lag – for example:

If the Replication_Lag is displaying as 5 minutes it is only important if the data requested included the last 5 minutes. Some recommended solutions for setting up an automated frequent call usage which eliminate the impact of replication as far as possible were discussed in section 11.1.

12.3.1.1 Email Groups

The repeating Email group in the GetBranchEmails call will give the unique Rightmove Email_ID, the email address the email was sent from, the email address the email was sent to, the date which the email was sent and details of the type of email lead that email is (this can indicate multiple actions requested by the user within one email, such as a viewing request and a valuation request). The unique Rightmove Email_ID can be used to de-duplicate data where data has to be re-requested due to replication problems.

This group will be repeated for each email lead which was sent to the branch from Rightmove within the export period defined in the GetBranchEmails call request.

Field name	Data type	Description	Mandatory
Email_ID	Integer	Unique Rightmove identifier for this email	Yes
From_Address	String	The email address which the email came from	Yes
To_Address	String	The email address which the email was sent to	Yes
Email_Date	String	The date the original email was sent in the format: dd-MM-yyyy	Yes
Email_Type	Array of strings	The type of email sent	Yes

Table 12-5: Email Fields

This repeating group also contains two sub-groups – User and Property, which give some more detailed information about that email lead.

The User group is broken down further into two sub-sections – one containing the User's contact details, and the other detailing further information about the user's current position in terms of buying/letting any property they currently own.

Field name	Data type	Description	Mandatory
Title	String	The user's title	No
First_Name	String	The user's first name	No
Last_Name	String	The user's last name	No
Address	String	The user's address	No
Postcode	String	The user's postcode	No
Country	String	The user's country of residence	No
Phone_Day	String	The user's daytime telephone number	No
Phone_Evening	String	The user's evening telephone number	No

Field name	Data type	Description	Mandatory
DPA_Flag	Boolean	Indicates whether the user wishes for their data to be protected	No

<p style="text-align:center">Table 12-6: User Contact Details Fields</p>

Field name	Data type	Description	Mandatory
Move_Date	SingleSelect	The date the user is looking to move	No
Moving_Reason	String	Why the user is looking to move	No
Property_to_Sell	Integer	Indicates whether the user has a property to sell	No
Property_to_Rent	Integer	Indicates whether the user has a property to rent	No
Financial_Advice	Boolean	Indicates whether the user wants financial advice	No
Part_Exchange	Boolean	Indicates whether the user is interested in part exchange	No
Comments	String	Any further comments which the user has included	No

<p style="text-align:center">Table 12-7: User Information Fields</p>

The Property section provides information around which property on Rightmove the lead was sent for. The response returns a range of key identifying features of the property to allow flexibility around how this information is returned to an agent – offering information such as the postcode and price as well as the Agent Ref so that agents can quickly and easily identify the property. The response also includes the unique Rightmove ID (to allow easy matching based upon other Rightmove calls) and the URL for the property on Rightmove.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for the property	Yes
Rightmove_ID	Integer	Rightmove's unique reference for the property	Yes
Rightmove_URL	String	The Rightmove URL for the property	Yes
Price	Integer	The current listed price for the property on Rightmove	Yes
Postcode	String	The postcode provided for the property	Yes
Bedrooms	Integer	The number of bedrooms the property has	Yes
Style	String	The style for the property listing - for New Homes Developments only	Yes
Property_Type	Integer	The type of the property	Yes

<p style="text-align:center">Table 12-8: Property Fields</p>

12.3.2 GetBranchEmails Warning Response

If a warning is returned in a GetBranchEmails response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetBranchEmails Success Response (see section 11.3.1), but will also contain details of the problems which caused the message to partially fail. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetBranchEmails call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

12.3.3 GetBranchEmails Failure Response

If the GetBranchEmails call fails to retrieve the email lead data from Rightmove for that branch the response will contain details of the errors which caused the message to fail and the timestamps for when the GetBranchEmails call request was received and when the GetBranchEmails call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Branch_ID, and Export_Period details provided within the GetBranchEmails request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

13 Individual Property Email Lead Export

As discussed in chapters 10 and 14 the Real Time Datafeed offers the ability to get regular exports of email leads and for a brand or branch. This chapter covers the real time ability to export the email leads for a specific property.

13.1 How to use the GetPropertyEmails Call

As a general rule, we would advise feed providers to make a choice between using the brand/branch level email lead export call (GetBrandEmails or GetBranchEmails) at regular intervals (maximum suggested frequency is every 15 minutes) to build up a local database of Rightmove leads for a branch, or using the GetPropertyEmails call as an when a user requests the email leads for a property to give the user the data they request on the fly without any requirement to store that data locally.

Again with this call the replication lag time at the point of the data being returned is included within the response. Therefore if a user requests data up until the current point in time it may be worth displaying this piece of information to the user so that they are aware that they may not have all of the data for the last x minutes.

Requests to retrieve a branch's email leads should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getpropertyemails

The content of the message should match the GetPropertyEmails schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

13.2 GetPropertyEmails Call Request

The data set for this call is exactly the same as the GetPropertyPerformance consisting of the Network_ID, the Branch_ID, the Agent_Ref and the start and end dates for the export period. All fields within the call request are mandatory and the call has a hierarchical structure with separate groups for Network, Branch and Export Period in order to make extending this service simpler.

13.2.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the branch specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 13-1: Network Fields

13.2.2 Branch Group

The Branch group only contains the branch ID to specify which branch the property belongs to.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

Table 13-2: Branch Fields

The Branch_ID specified within the branch group will also be used as part of the second validation discussed in section 11.2.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch specified in this group.

13.2.3 Property Group

The Property group also only contains one field - the Agent_Ref for the property which the email lead data is being requested.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for this property	Yes

Table 13-3: Property Fields

The Agent_Ref specified within the property group will also be validated against the Branch_ID specified in the Branch group to verify that it is within the branch specified (and therefore that the network has access to this data based on the validation discussed in section 10.1.1.

13.2.4 Export Period Group

The Export Period group defines the time period for which the email lead data is being exported. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 13-4: Export Period Fields

13.3

The entire export period must be within the last 28 days, as performance data is archived after a 28 day period and there is no maximum export period.

GetPropertyEmails Call Responses

Whenever you send a GetPropertyEmails call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a GetPropertyEmails response:

1. Success – the email leads from Rightmove for that property within the export period specified

2. Warning – the email leads from Rightmove for that property within the export period specified with warning messages describing any part of the export period for which data could not be retrieved
3. Error – unable to return the email leads for the property on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Property	Group (details below)	Current details for this property on Rightmove	No
Emails	Group (details below)	The information about the emails which the branch has received from Rightmove for this property	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 13-5: GetPropertyEmails response Fields

13.3.1 GetPropertyEmails Success Response

The success response for the GetPropertyEmails call consists of a series of top level fields and then a repeating group for each email lead from Rightmove. The Network_ID, Branch_ID, Agent_Ref and Export_Period fields will always return the values sent in the call request. Within the Success response there is also the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data might be missing as it has not yet been replicated across all three sites. For the GetPropertyEmails call, this field is only important if the Export_Period in the request includes data within the time period affected by the Replication_Lag – for example:

If the Replication_Lag is displaying as 5 minutes it is only important if the data requested included the last 5 minutes.

13.3.1.1 Property Group

There is a single property group present within the GetPropertyEmails call response which describes the current details of the property on Rightmove. It includes information such as the postcode and price as well as the unique Rightmove ID (to allow easy matching based upon other Rightmove calls) and the URL for the property on Rightmove.

Field name	Data type	Description	Mandatory
Agent_Ref	String	Agent's unique reference for the property	Yes
Rightmove_ID	Integer	Rightmove's unique reference for the property	Yes
Rightmove_URL	String	The Rightmove URL for the property	Yes
Price	Integer	The current listed price for the property on Rightmove	Yes
Postcode	String	The postcode provided for the property	Yes
Bedrooms	Integer	The number of bedrooms the property has	Yes
Style	String	The style for the property listing - for New Homes Developments only	Yes
Property_Type	Integer	The type of the property	Yes

Table 13-6: Property Fields

13.3.1.2 Email Groups

The repeating Email group in the GetPropertyEmails call will give the unique Rightmove Email_ID, the email address the email was sent from, the email address the email was sent to, the date which the email was sent and details of the type of email lead that email is (this can indicate multiple actions requested by the user within one email, such as a viewing request and a valuation request). The unique Rightmove Email_ID can be used to de-duplicate data where data has to be re-requested due to replication problems.

This group will be repeated for each email lead which was sent to the branch from Rightmove for that property within the export period defined in the GetPropertyEmails call request.

Field name	Data type	Description	Mandatory

Email_ID	Integer	Unique Rightmove identifier for this email	Yes
From_Address	String	The email address which the email came from	Yes
To_Address	String	The email address which the email was sent to	Yes
Email_Date	String	The date the original email was sent in the format: dd-MM-yyyy	Yes
Email_Type	Array of strings	The type of email sent	Yes

<div align="center">**Table 13-7: Email Fields**</div>

This repeating group also contains a sub-group – User, which give some more detailed information about that individual who sent the email lead. The User group is broken down further into two sub-sections – one containing the User's contact details, and the other detailing further information about the user's current position in terms of buying/letting any property they currently own.

Field name	Data type	Description	Mandatory
Title	String	The user's title	No
First_Name	String	The user's first name	No
Last_Name	String	The user's last name	No
Address	String	The user's address	No
Postcode	String	The user's postcode	No
Country	String	The user's country of residence	No
Phone_Day	String	The user's daytime telephone number	No
Phone_Evening	String	The user's evening telephone number	No
DPA_Flag	Boolean	Indicates whether the user wishes for their data to be protected	No

<div align="center">**Table 13-8: User Contact Details Fields**</div>

Field name	Data type	Description	Mandatory
Move_Date	SingleSelect	The date the user is looking to move	No
Moving_Reason	String	Why the user is looking to move	No
Property_to_Sell	Integer	Indicates whether the user has a property to sell	No
Property_to_Rent	Integer	Indicates whether the user has a property to rent	No
Financial_Advice	Boolean	Indicates whether the user wants financial advice	No
Part_Exchange	Boolean	Indicates whether the user is interested in part exchange	No
Comments	String	Any further comments which the user has included	No

<div align="center">**Table 13-9: User Information Fields**</div>

13.3.2 GetPropertyEmails Warning Response

If a warning is returned in a GetPropertyEmails response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetPropertyEmails Success Response (see section 11.3.1), but will also contain details of the problems which caused the message to partially fail. A file

containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetPropertyEmails call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

13.3.3 GetPropertyEmails Failure Response

If the GetPropertyEmails call fails to retrieve the email leads for the property form Rightmove the response will contain details of the errors which caused the message to fail and the timestamps for when the GetPropertyEmails call request was received and when the GetPropertyEmails call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Branch_ID, Agent_Ref and Export_Period details provided within the GetPropertyEmails request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

14 Branch Telephone Lead Export

As discussed in chapter 10 the Real Time Datafeed offers the ability to get regular exports of email leads and telephone leads for a brand or branch and also to export the email leads for a specific property. This chapter provides detail about using the GetBrandPhoneLeads call which retrieves all email leads for a brand, and Chapters 15 will give details on the usage of the GetBranchPhoneLeads call.

14.1 How to use the GetBrandPhoneLeads Call

The GetBrandPhoneLeads call will predominantly be used to build up a local information set around a branch's telephone leads. The branch level call can be used in this way or to retrieve data on the fly when an agent requests to see their latest telephone leads.

Rightmove guidance around regular usage of this call would be to send requests at a fixed frequency, with an overlap in export periods if you are requesting the latest data in order to try and minimise the loss of data due to replication lag.

Examples for the frequency/export period combinations:

1. Call the service every 15 minutes, and always request the last 20 minutes' worth of data
2. Call the service hourly and always request the last 70 minutes' worth of data
3. Call the service daily and always request the last 25 hours' worth of data

There is a further failsafe built into these calls where the replication lag time at the point of the data being returned is included within the response. Therefore if you were to use the framework outlined in option 1 above, you could build a mechanism to re-request data if the replication lag returns as greater than 5 minutes (and therefore is not covered by the routine duplication in requests).

Requests to retrieve a brand's telephone leads should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbrandphoneleads

The content of the message should match the GetBrandPhoneLeads schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do not have the correct set of schema files.

14.2 GetBrandPhoneLeads Call Request

The data set for this call is exactly the same as the GetBrandEmails call request consisting of the Network_ID, the Brand_ID and the start and end dates for the export period. All fields within the call request are mandatory and the call has a hierarchical structure with separate groups for Network, Brand and Export Period in order to make extending this service simpler.

14.2.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API
2. To ensure that the network ID specified has permission to access data for the brand specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 14-1: Network Fields

14.2.2 Brand Group

The Brand group only contains the brand ID to specify which brand to retrieve the phone leads for.

Field name	Data type	Description	Mandatory
Brand_ID	Number	Unique Rightmove reference for this brand	Yes

Table 14-2: Brand Fields

The Brand_ID specified within the brand group will also be used as part of the second validation discussed in section 11.2.1 (the Network Group) to ensure that the Network_ID given within the message has access to the brand specified in this group.

14.2.3 Export Period Group

The Export Period group defines the time period for which the telephone lead data is being exported. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 14-3: Export Period Fields

The entire export period must be within the last 28 days, as performance data is archived after a 28 day period and the maximum export period is 24 hours. This restriction is in place to try and preserve performance of the web service considering the large volume of data returned in the call response per lead 14.3which is being exported. In the case where the full 28 days' worth of data needs to be retrieved (for a new branch moving to a feed, or if stored data is lost) simply send consecutive calls for the last twenty-eight 24 hour periods.

GetBrandPhoneLeads Call Responses

Whenever you send a GetBrandPhoneLeads call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a GetBrandPhoneLeads response:

1. Success – the telephone leads from Rightmove for that brand within the export period specified
2. Warning – the telephone leads from Rightmove for that brand within the export period specified with warning messages describing any part of the export data could not be retrieved
3. Error – unable to return the email leads for the brand on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Phone_Calls	Group (details below)	The information about the telephone calls which the branch has received from Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 14-4: GetBrandPhoneLeads response Fields

14.3.1 GetBrandPhoneLeads Success Response

The success response for the GetBrandPhoneLeads call consists of a series of top level fields and then a repeating group for each telephone lead from Rightmove. The Network_ID, Brand_ID and Export_Period

fields will always return the values sent in the call request. Within the Success response there is also the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data might be missing as it has not yet been replicated across all three sites. For the GetBrandPhoneLeads call, this field is important if the Export_Period in the request includes data within the time period affected by the Replication_Lag – for example:

If the Replication_Lag is displaying as 5 minutes it is only important if the data requested included the last 5 minutes. Some recommended solutions for setting up an automated frequent call usage which eliminate the impact of replication as far as possible were discussed in section 11.1.

14.3.1.1 Branch Groups
The repeating Branch group in the GetBrandPhoneLeads call will give the unique Rightmove Branch_ID for a single branch within the brand, and then contains a Phone_Calls group which details the telephone leads received for that branch within the export period.

This group will be repeated for each branch within the brand which has received telephone leads from Rightmove within the export period defined in the GetBrandPhoneLeads call request.

Branch_ID	Number	Unique Rightmove reference for this branch	No

Table 14-5: Branch Fields

14.3.1.2 Phone Call Groups
The repeating Phone_Calls group within the branch group will give the branch telephone number which was called, the telephone number from which the call was made (if available), the status of the call, the time and duration of the call the location of the caller (again, if available) and the channel to which the call was directed (where this can be identified).

This group will be repeated for each telephone lead which this branch received from Rightmove within the export period defined in the GetBrandPhoneLeads call request.

Field name	Data type	Description	Mandatory
Branch_Number	String	The branch phone number that the phone call was made to	Yes
Call_Status	Integer	Indicates whether the phone call connected and was answered	Yes
Call_Start	String	The start time of the phone call, in the format: dd-MM-yyyy HH:mm:ss	Yes
Caller_Number	String	Phone number from which the call originated or 'Withheld'	Yes
Caller_Location	String	Physical Location of the caller, e.g. 'London'. Also generic values of 'Mobile' and 'Unknown'	Yes
Duration	String	The duration of the phone call, in the format: HH:mm:ss	Yes

Channel	Integer	For dual branches it specifies which channel the phone lead was for	No

Table 14-6: Phone Calls Fields

14.3.2 GetBrandPhoneLeads Warning Response

If a warning is returned in a GetBrandPhoneLeads response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetBrandPhoneLeads Success Response (see section 11.3.1), but will also contain details of the problems which caused the message to partially fail. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetBranchPhoneLeads call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

14.3.3 GetBrandPhoneLeads Failure Response

If the GetBrandPhoneLeads call fails to retrieve the telephone lead data from Rightmove for that branch the response will contain details of the errors which caused the message to fail and the timestamps for when the GetBrandPhoneLeads call request was received and when the GetBrandPhoneLeads call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Brand_ID, and Export_Period details provided within the GetBrandPhoneLeads request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

15 Branch Telephone Lead Export

As discussed in chapter 10 the Real Time Datafeed offers the ability to get regular exports of email leads and telephone leads for a brand or branch and also to export the email leads for a specific property. This section provides detail about using the GetBranchPhoneLeads call which retrieves all email leads for a branch.

How to use the GetBranchPhoneLeads Call

The GetBranchPhoneLeads call can either be used on the fly to request data as and when an agent wants to view the information, or to build up a local information set around a branch's telephone leads.

15.1 Rightmove guidance around regular usage of this call would be to send requests at a fixed frequency, with an overlap in export periods if you are requesting the latest data in order to try and minimise the loss of data due to replication lag.

Examples for the frequency/export period combinations:

1. Call the service every 15 minutes, and always request the last 20 minutes' worth of data
2. Call the service hourly and always request the last 70 minutes' worth of data
3. Call the service daily and always request the last 25 hours' worth of data

There is a further failsafe built into these calls where the replication lag time at the point of the data being returned is included within the response. Therefore if you were to use the framework outlined in option 1 above, you could build a mechanism to re-request data if the replication lag returns as greater than 5 minutes (and therefore is not covered by the routine duplication in requests).

Requests to retrieve a branch's telephone leads should be POSTed to the following URL:

https://adfapi.rightmove.co.uk/v1/property/getbranchphoneleads

The content of the message should match the GetBranchPhoneLeads schema files attached to this document. Again, this web service call can be made using either JSON or XML (with the content-type header specified for the request) – both schemas are available, please contact the Rightmove ADF team if you do 15.2 not have the correct set of schema files.

GetBranchPhoneLeads Call Request

The data set for this call is exactly the same as the GetBranchEmails call request consisting of the Network_ID, the Branch_ID and the start and end dates for the export period. All fields within the call request are mandatory and the call has a hierarchical structure with separate groups for Network, Branch and Export Period in order to make extending this service simpler.

15.2.1 Network Group

The Network group only contains the network ID field, which will be used for the same validation as in other Real Time Datafeed calls:

1. To ensure that the network specified in the message matches the authentication key provided when connecting to the Rightmove Datafeed API

2. To ensure that the network ID specified has permission to access data for the branch specified within the message

Field name	Data type	Description	Mandatory
Network_ID	Number	Unique Rightmove reference for this network	Yes

Table 15-1: Network Fields

15.2.2 Branch Group

The Branch group only contains the branch ID to specify which branch the property belongs to.

Field name	Data type	Description	Mandatory
Branch_ID	Number	Unique Rightmove reference for this branch	Yes

Table 15-2: Branch Fields

The Branch_ID specified within the branch group will also be used as part of the second validation discussed in section 11.2.1 (the Network Group) to ensure that the Network_ID given within the message has access to the branch specified in this group.

15.2.3 Export Period Group

The Export Period group defines the time period for which the telephone lead data is being exported. It contains start and end date fields – please note that these are date fields not date time fields as the performance data is all aggregated by day.

Field name	Data type	Description	Mandatory
Start_Date	String	The date for the start of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes
End_Date	String	The date for the end of the export period - this cannot be more than 28 days ago in the format: dd-MM-yyyy	Yes

Table 15-3: Export Period Fields

The entire export period must be within the last 28 days, as performance data is archived after a 28 day period and the maximum export period is 7 days. This restriction is in place to try and preserve performance of the web service considering the large volume of data returned in the call response per lead which is being exported. In the case where the full 28 days' worth of data needs to be retrieved (for a new branch moving to a feed, or if stored data is lost) simply send 4 consecutive calls for the last four 7 day periods.

15.3

GetBranchPhoneLeads Call Responses

Whenever you send a GetBranchPhoneLeads call request to the Rightmove Datafeed API you will receive a response in the same format as you sent the message (JSON or XML). There are three types of response which you can receive for a GetBranchPhoneLeads response:

1. Success – the telephone leads from Rightmove for that branch within the export period specified
2. Warning – the telephone leads from Rightmove for that branch within the export period specified with warning messages describing any part of the export data could not be retrieved

3. Error – unable to return the email leads for the branch on Rightmove

Field name	Data type	Description	Mandatory
Message	String	The message content for the response	Yes
Request_ID	String	The unique ID for the request	Yes
Success	Boolean	Indicates whether or not the request was successful	Yes
Request_Timestamp	Timestamp	The time at which the request was received in the format: dd-MM-yyyy HH:mm:ss	Yes
Response_Timestamp	Timestamp	The time at which the response was sent in the format: dd-MM-yyyy HH:mm:ss	Yes
Replication_Lag	Integer	The current lag time for replicating between the three Rightmove data centres in minutes	No
Start_Date	String	The start date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
End_Date	String	The end date for the export period in the format: dd-MM-yyyy - this cannot be more than 28 days ago	Yes
Branch_ID	Number	Unique Rightmove reference for this branch	No
Phone_Calls	Group (details below)	The information about the telephone calls which the branch has received from Rightmove	No
Errors	Array of strings	The type of error causing the request to fail	No
Error_Code	String	The unique Rightmove code for the error causing the request to fail	No
Error_Description	String	The full description of the error associated with the error code which has been generated	No
Error_Value	String	The value which caused this error	No
Warnings	Array of strings	The details of the business rules which the request did not pass	No
Warning_Code	String	The unique Rightmove code for the warning which has been triggered	No
Warning _Description	String	The full description of the warning associated with the warning code which has been generated	No
Warning _Value	String	The value which caused this warning	No

Table 15-4: GetBranchPhoneLeads response Fields

15.3.1 GetBranchPhoneLeads Success Response

The success response for the GetBranchPhoneLeads call consists of a series of top level fields and then a repeating group for each telephone lead from Rightmove. The Network_ID, Branch_ID and Export_Period fields will always return the values sent in the call request. Within the Success response there is also the "Replication_Lag" field which reports on the current time (in minutes) for data to be replicated between the three Rightmove datacentres. This field is present in these calls to indicate any time period where some data

might be missing as it has not yet been replicated across all three sites. For the GetBranchPhoneLeads call, this field is important if the Export_Period in the request includes data within the time period affected by the Replication_Lag – for example:

If the Replication_Lag is displaying as 5 minutes it is only important if the data requested included the last 5 minutes. Some recommended solutions for setting up an automated frequent call usage which eliminate the impact of replication as far as possible were discussed in section 11.1.

15.3.1.1 Phone Call Groups

The repeating Phone_Calls group in the GetBranchPhoneLeads call will give the branch telephone number which was called, the telephone number from which the call was made (if available), the status of the call, the time and duration of the call the location of the caller (again, if available) and the channel to which the call was directed (where this can be identified).

This group will be repeated for each telephone lead which the branch received from Rightmove within the export period defined in the GetBranchPhoneLeads call request.

Field name	Data type	Description	Mandatory
Branch_Number	String	The branch phone number that the phone call was made to	Yes
Call_Status	Integer	Indicates whether the phone call connected and was answered	Yes
Call_Start	String	The start time of the phone call, in the format: dd-MM-yyyy HH:mm:ss	Yes
Caller_Number	String	Phone number from which the call originated or 'Withheld'	Yes
Caller_Location	String	Physical Location of the caller, e.g. 'London'. Also generic values of 'Mobile' and 'Unknown'	Yes
Duration	String	The duration of the phone call, in the format: HH:mm:ss	Yes
Channel	Integer	For dual branches it specifies which channel the phone lead was for	No

Table 15-5: Phone Calls Fields

15.3.2 GetBranchPhoneLeads Warning Response

If a warning is returned in a GetBranchPhoneLeads response, this is indicative of a partial success of the call, and will be returned alongside the content returned in a GetBranchPhoneLeads Success Response (see section 11.3.1), but will also contain details of the problems which caused the message to partially fail. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

The most typical situation which causes warning response for the GetBranchPhoneLeads call is when the export period is partially in the future – potentially due to differing sysdates between the system contacting the RTDF and the Rightmove servers. In this situation all data for the export period prior to the Rightmove

Sysdate at the point of receiving the call request will be returned, and a warning message will also be returned to notify you that part of the requested export period is in the future.

15.3.3 GetBranchPhoneLeads Failure Response

If the GetBranchPhoneLeads call fails to retrieve the telephone lead data from Rightmove for that branch the response will contain details of the errors which caused the message to fail and the timestamps for when the GetBranchPhoneLeads call request was received and when the GetBranchPhoneLeads call response was sent by the Rightmove Datafeed API. Where possible the response will also contain the Network_ID, Branch_ID, and Export_Period details provided within the GetBranchPhoneLeads request, however, if the error occurs before the contents of the message can be processed (e.g. an authentication or connection error) this may not always be possible. A file containing the latest error and warning code details is available for download from the same URL as the schema files.

Appendix 1: API URLs

There are three URLs which you will need to call in order to use the Rightmove Real Time Datafeed

SendProperty: https://adfapi.rightmove.co.uk/v1/property/sendpropertydetails

RemoveProperty: https://adfapi.rightmove.co.uk/v1/property/removeproperty

GetBranchPropertyList: https://adfapi.rightmove.co.uk/v1/property/getbranchpropertylist

AddPremiumListing: https://adfapi.rightmove.co.uk/v1/property/addpremiumlisting

AddFeaturedProperty: https://adfapi.rightmove.co.uk/v1/property/addfeaturedproperty

RemoveFeaturedProperty: https://adfapi.rightmove.co.uk/v1/property/removefeaturedproperty

GetPropertyPerformance: https://adfapi.rightmove.co.uk/v1/property/getpropertyperformance

GetBranchPerformance: https://adfapi.rightmove.co.uk/v1/property/getbranchperformance

GetBranchEmails: https://adfapi.rightmove.co.uk/v1/property/getbranchemails

GetBranchPhoneLeads: https://adfapi.rightmove.co.uk/v1/property/getbranchphoneleads

GetPropertyEmails: https://adfapi.rightmove.co.uk/v1/property/getpropertyemails

Please note that a set of testing URLs will be provided to you when dates are agreed for your beta testing phase.