

Grainger Unit Details API details

The following is a view of the API design as currently thought of. There are still a few outstanding queries that need to be clarified before this is complete. Those queries are included in this document.

API data

All fields that did not previously exist in the Rightmove API have been added into that layout in a position that seems appropriate. However, this could be changed if the chosen position makes the development effort more complex, as long as this is discussed, agreed and documented.

Key
Fields that are (possibly) new to Salesforce (may also have outstanding queries)
Fields that are new to the API when compared to Rightmove API, but exist already in Salesforce
Fields that are new to the API when compared to Rightmove API and have outstanding queries
Fields that already exist when compared to Rightmove API, but have outstanding queries

Object Path	Field Name	Data type	Restrictions	Required
property.address	display_address	String		True
	postcode_1	String		True
	postcode_2	String		True
	town	String		True
property	agent_ref	String		True
	date_available	String	dd-mm-yyyy	True
	tag_override	String		False
	marketing_location	String		True
	property_type	Int	28, 26, 0, 48	True
	published	Bool		True
property.details	bathrooms	Int		True
	bedrooms	Int	0-5	True
	floor	Int		False
	size_sqft	Int	> 0	True
	size_sqm	Int	> 0	True
	description	String		True
	features	String[]		True
	furnished_type	Int	0-2	True
	sharers_considered	Bool		True
	unique_selling_points	String[]	Array size: 0-2	True
	rental_type	String	"PRS", "BTR"	True
	development_id	String	Required for "BTR"	False
	building_name	String		False
property.media[x]	media_type	Int	1, 2, 6	True
	media_url	String	1: jpeg, 2: jpeg, 6: pdf	True
	sort_order	Int		True
property.price_information	price	Decimal	> 0	True
	discount_rent_type	String	"None", "DMR", "LLR"	True

New Salesforce fields

`property.tag_override`

This field has been added to allow Salesforce users to override the “Available from ...”/“Available Now” tags with something more specific. Some examples are "Coming soon" or "Just launched". These fields should be sent through to the API as the text that is intended to be displayed (no mapping required). However, in Salesforce the values should be controlled via a Selectbox or similar, to encourage consistency across units.

`property.marketing_location`

This field has been added to allow Salesforce users to specify the “marketing location” of a property, as will be used on the marketing website. This will map to the areas available in the marketing website search. These areas have yet to be defined. These fields should be sent through to the API as the text that is intended to be displayed/matched (no mapping required). However, in Salesforce the values should be controlled via a Selectbox or similar, to encourage consistency across units.

`property.details.features`

This field currently exists in the Rightmove data and Salesforce. However, both the content and the way it is represented in the API have plans to change. The updated Grainger features list is included below. These features may come from both a development/building level or from the unit level, so it may be required to include fields in Salesforce for any of these areas. Grainger can provide more detail here. For the API, codes should be used to represent features. This is due to the codes being matched in the CMS, to add extra marketing details to the features for display on the website. By using codes rather than free text there is less chance of the codes getting out of sync between Salesforce and the CMS. The codes to use for each feature are still to be defined, but from the API’s perspective they don’t matter as they will just be passed through. There may need to be some work here to make sure that any changes don’t affect Rightmove.

`property.details.unique_selling_points`

This field has been added to allow Salesforce users to specific free text “unique selling points” for each unit. This is so that units can have some differentiating points on the search results page, where they may otherwise appear the same (e.g. two units in the same building, with the same layout, on the same floor). These fields should be sent through to the API as the text that is intended to be displayed/matched (no mapping required). These fields will be free text, but, if possible, it would be good if formatting could be made consistent. Depending on designs it may also make sense to enforce character limits.

`property.details.rental_type`

This field is to represent build to rent (BTR) vs private rental sector (PRS). There may not currently be a field in Salesforce to identify these, so a field may need to be added. The currently recommended values for the API are “BTR” and “PRS” since these are codes that are recognised. However, since other fields in the API use Ints for mapping, we may want to do this consistently.

`property.details.development_id`

This field is to include an identifier for the development the unit is part of. This field will be used to link to CMS data about the development, so it must be easily accessible by the team setting up the CMS.

`property.details.building_name`

This field is to display the name of the individual building inside of a development. The name provided is what would be displayed on the website.

`property.price_information.discount_rent_type`

This field has been added to allow Salesforce users to specify if a unit has a particular type of discounted rent available. As far as we are aware there are two types of discounted rent ("discounted market rent" / "London living rent"). As such, this has been created as a field that can contain multiple different options, using codes to pass which option is selected. This will therefore need mapping to the correct text at the Code side and may need some mapping from the Salesforce end, depending on how the fields are implemented in Salesforce. Again here we've used codes for these, but since other fields in the API use Ints for mapping, we may want to do this consistently.

Outstanding queries

`property.details.floor`

Should this be an Int (e.g. 2) or a String (e.g. 2nd). We can make either work, but unsure which is easier from Salesforce.

`property.details.description`

Does this need to be a different description to the one that is sent to Rightmove?

`property.details.sharers_considered`

Still unclear if this field is wanted/needed.

`property.details.unique_selling_points`

Recommended that this field be limited to a couple of entries, but design is still in discussion.

`property.details.building_name`

Not confirmed if this is wanted yet. There was some discussion around if this is valuable to a customer that wanted to see if the property was in a building that they were aware of (e.g. same building as friends/family). However, it was unclear what effort was required in Salesforce to provide this value in a customer friendly way and if it was cost effective to do.

`property.media[x].media_url`

The media types need to match the required file formats specified in the restrictions column. We believe that floorplans (media_type 2) are mixed between "jpeg" and "pdf", but the agreement in the meeting was that these will be "jpeg" going forwards for both BTR and PRS.

`property.price_information.discount_rent_type`

Can a unit be part of more than one discounted rent type? If so, we'll need a different approach to this.

Salesforce mappings

property.property_type

Int API Value	Salesforce Value	Rightmove API meaning
28	Apartment	Apartment
26	House	House (unspecified)
0	Premium	Not Specified
48	House Share	House share

property.details.bedrooms

Int API Value	Salesforce Value
0	Studio
1	Bedsit / 1 Bedroom
2	2 Bedrooms
3	3 Bedrooms
4	4 Bedrooms
5	5 Bedrooms

property.details.furnished_type

Int API Value	Salesforce Value	Rightmove API meaning
0	Furnished	Furnished
1	Part-Furnished	Part-furnished
2	Unfurnished	Unfurnished

property.price_information.discount_rent_type

String API Value	Salesforce Value
None	-
DMR	discounted market rent
LLR	London living rent

property.details.rental_type

String API Value	Salesforce Value
BTR	Build to rent
PRS	Private rented sector

property.media.[x].media_type

Int API Value	Salesforce Meaning
1	Image
2	Floorplan
6	EPC

Features

These are the current list of features we are aware of. During the previous meeting there was still some discussion about exactly what this list will be. Our current aim is to make it so that this list can be changed at a later date. We will inform you if we need a definitive list at any point. This list is based on the one provided by Grainger, with any changes that came up in the meetings reflected.

Building level

- Parking Available
- Pet Friendly
- Wi-Fi included
- Bike Storage
- Onsite Team
- Co Working / Bookable Meeting Room
- Gym
- Roof Terrace
- Private Dining Room
- Exclusive Social Spaces
- Resident Services Team
- Dining Room
- Residents lounge
- Secure underground parking
- Bookable guest suite
- Games Room
- Zoom pods
- TV Lounge
- Yoga Studio
- Well insulated

Unit level

- Balcony
- Garden
- Pets allowed

Rightmove fields to be ignored

Object Path	Field Name	Reason
property.address	house_name_number	Not displaying exact address on site
property	let_type	Always “long let” (1) so not required here
	removal_reason	Not displaying removed units on site
	status	Always “available” (1) so not required here
property.details	outside_space	Required information being provided using features instead
	pets_allowed	Required information being provided using features instead
	summary	Doesn’t make sense for the marketing website
property.media[x]	media_type[3,4,7]	The marketing website will not be using these particular media types for now

Example json

```
{
  "property": {
    "address": {
      "display_address": "Enigma Square, Central Milton Keynes MK9",
      "postcode_1": "MK9",
      "postcode_2": "2FU",
      "town": "Milton Keynes"
    },
    "agent_ref": "a1G8d0000005rE3EAI",
    "date_available": "22-03-2024",
    "tag_override": "Just Launched",
    "marketing_location": "East London",
    "details": {
      "bathrooms": 1,
      "bedrooms": 1,
      "floor": 5,
      "size_sqft": 365,
      "size_sqm": 100,
      "description": "<p>Lovely property<br />Amazing</p>",
      "features": ["WIFI", "BIKE"],
      "furnished_type": 0,
      "sharers_considered": false,
      "unique_selling_points": ["Corner apartment"],
      "rental_type": "BTR",
      "development_id": "ABCDEF123",
      "building_name": "Neon Building"
    },
    "media": [
      {
        "media_type": 1,
        "media_url": "...",
        "sort_order": 1
      },
      ...
    ],
    "price_information": {
      "price": 1515,
      "discount_rent_type": "None",
    },
    "property_type": 28,
    "published": true
  }
}
```