

Glide API Method Reference

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Document Change History

| Date | Version | Author | Remarks |
|------------|---------|--------|--|
| 04/07/2011 | 1.000 | SBF | Initial document setup. |
| 04/07/2011 | 1.001 | SBF | Developed script within GWSF that automatically creates method reference include. |
| 04/07/2011 | 2.000 | SBF | Formal review. |
| 04/07/2011 | 3.000 | SBF | First release. |
| 17/08/2011 | 3.001 | SBF | Changed document title to include “SOAP” as there will be at some point a new version for the REST rewrite. |
| 31/08/2011 | 3.002 | SBF | Document now obsolete in its current form as GWSF version 3 does not support automatic documentation creation. |
| 13/09/2011 | 3.003 | SBF | Fully updated for GWSF version 3. |
| 21/10/2011 | 3.004 | SBF | Introduction section apart from Purpose subsection now shared. |
| 31/07/2012 | 3.005 | SBF | General update. |
| 17/10/2013 | 4.000 | SBF | Switched to API 4.0 reference. |

Table 1: Document change history

Chapter 1

Introduction

1.1 Purpose

The purpose of this document is to act as a detailed technical reference for every RESTful method offered by version 4 of the Glide API.

1.2 Intended audience and reading suggestions

This document is intended to be read by the following parties. All sections should be read by all parties unless otherwise noted in brackets.

- Glide software manager.
- Software development and other technical personnel.
- Technical employees and contrators of Glide clients (sections pertinent to the services to which access has been granted.)

1.3 Assumptions

This reference is a technical document designed for software developers. It assumes familiarity with web-related technologies such as HTTP, REST, XML and JSON.

1.4 API key

In order to consume any Glide web service you will require an API key. This is a string which is issued on a per-company basis. The access key grants access only to services to which your company has been granted access. You may not have access to all services included in this document. Please ask your Glide account manager if you do not have an API key¹.

1.5 Consumption URL

The base consumption URL for all methods is as follows. All requests must be made using the POST method.

- <https://www.glide.uk.com/api/4.0/>

¹Glide developers should note that Glide itself also has such an access key; we are treated no differently by the API.

1.6 Copyright notice

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Chapter 2

FrontEnd

Provides access to public information and facilities.

2.1 Blog

Methods relating to blog posts.

2.1.1 posts

Retrieves blog posts.

- `/api/4.0/frontEnd/blog/posts.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--|
| mode | string | Restrict posts to those tagged as (blog, community, press) |
| year | string | Year from which to return blog posts. |
| slug | string | Slug of particular blog post to retrieve. |

2.2 Campaign

There is no documentation available for any of the methods in this controller.

2.3 Faq

Methods relating to FAQs.

2.3.1 all

Retrieves all FAQ entries.

- `/api/4.0/frontEnd/faq/all.[json/xml]`

2.4 Feedback

Manages feedback submitted through the smiley-face form.

2.4.1 save

Saves a feedback submission.

- `/api/4.0/frontEnd/feedback/save.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|---|
| url | string | URL of page on which feedback is being submitted. |
| mode | string | Type of feedback (good, OK, bad) |
| feedback | string | Visitor's feedback text. |

2.5 File

Manages file uploads.

2.5.1 uploadImage

Processes the image upload and saves it to the upload directory.

This method requires a valid key.

- `/api/4.0/frontEnd/file/uploadImage.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|-------------|
| file | string | File data. |

2.6 General

There is no documentation available for any of the methods in this controller.

2.7 Openreach

There is no documentation available for any of the methods in this controller.

2.8 Pricebook

There is no documentation available for any of the methods in this controller.

2.9 Supplier

There is no documentation available for any of the methods in this controller.

Chapter 3

Portal

Provides methods and facilities for use by the customer portals.

3.1 Billing

Manages portal billing features.

3.1.1 getBillingDetails

Retrieves billing information for the customer identified in the session.

Returns billing information package comprised of payment plans, payments made and registered payment cards. If requested for a tenant then the client ID and tenant ID are also returned.

- `/api/4.0/portal/billing/getBillingDetails.[json/xml]`

3.1.2 downloadPlan

Downloads a tenant payment plan.

The payment plan must belong to the tenant identified in the session, or their third party if they have one.

- `/api/4.0/portal/billing/downloadPlan.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|------------------|
| id | integer | Payment plan ID. |

3.1.3 setDefaultCard

Sets a payment card to be the default card for a tenant.

The payment card must belong to the tenant identified in the session.

- `/api/4.0/portal/billing/setDefaultCard.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|------------------|
| cardId | integer | Payment card ID. |

3.1.4 downloadLandlordPlan

Downloads a multisite payment plan.

The payment plan must belong to the customer identified in the session.

- `/api/4.0/portal/billing/downloadLandlordPlan.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|------------------|
| id | integer | Payment plan ID. |

3.1.5 downloadLandlordInvoice

Downloads a multisite invoice.

The invoice must belong to the customer identified in the session.

- `/api/4.0/portal/billing/downloadLandlordInvoice.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-------------|
| id | integer | Invoice ID. |

3.2 Dashboard

Manages the portal dashboard.

3.2.1 connectToFacebook

Links a Facebook account to the client identified in the session.

- `/api/4.0/portal/dashboard/connectToFacebook.[json/xml]`

| Parameter | Type | Description |
|-------------|--------|------------------------|
| accessToken | string | Facebook access token. |

3.2.2 changePassword

Changes the password for the client identified in the session.

Returns success regardless of validity of input, presence of client session, or success of password change.

- `/api/4.0/portal/dashboard/changePassword.[json/xml]`

| Parameter | Type | Description |
|---------------------|--------|--|
| oldPassword | string | Client's old password. |
| newPassword | string | Proposed new password. |
| newPasswordRepeated | string | Repeat of new password for verification. |

3.2.3 changeContactDetails

Updates e-mail address and/or mobile number for the client identified in the session.

Returns success under all circumstances.

- `/api/4.0/portal/dashboard/changeContactDetails.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|-----------------|
| email | string | E-mail address. |
| mobile | string | Mobile number. |

3.2.4 payBalance

Attempt to take payment for a given amount on a given card and apply it to the account of the client identified in the session.

The payment card must belong to the client, or their third party if they have one.

- `/api/4.0/portal/dashboard/payBalance.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|------------------|
| amount | numeric | Amount to pay. |
| card | integer | Payment card ID. |

3.2.5 putAccountOnHold

Processes a request from the client identified in the session to put their account on hold.

Returns success if the account is not already on hold and there has been less than 5 on-hold requests in the past twelve months.

- `/api/4.0/portal/dashboard/putAccountOnHold.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--|
| reason | string | The reason why the account should be put on hold. |
| untilDate | string | The date to which the account should be put on hold. |

3.2.6 saveBankDetails

Saves bank details for the client identified in the session.

Returns success if the bank details were valid.

- `/api/4.0/portal/dashboard/saveBankDetails.[json/xml]`

| Parameter | Type | Description |
|-------------------|--------|---|
| accountNumber | string | Account number (8 digits). |
| sortCode | string | Sort code (6 digits, or 6 digits with two hyphens). |
| forwardingAddress | array | Forwarding address (elements: address1, address2, address3, town, postcode, udprn). |

3.3 House

Provides information and facilities relating to houses.

3.3.1 getDetails

Retrieves detailed information about a tenant house and its services. For multisite houses only telephone information is returned if it exists.

The following information is returned: Basic house information (address, dates, type, capacity, term, period costs), services on the house (and their costs), tenant information, service information for gas, electricity, water, broadband, telephone and TV licence (whichever is applicable), readings for electricity, gas and water (whichever is applicable), information on last account summary and an energy calculation.

- `/api/4.0/portal/house/getDetails.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-------------|
| id | integer | House ID. |

3.3.2 addReading

Adds a meter reading to a house.

Returns success if the reading date is not in the future.

- `/api/4.0/portal/house/addReading.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-----------------------------------|
| date | string | Date of reading (DD/MM/YYYY). |
| id | integer | House ID. |
| reading | numeric | Main reading. |
| reading2 | numeric | Secondary reading, if applicable. |

3.4 Login

Manages portal logins and logouts, forgotten passwords, etc.

3.4.1 getClientDetails

Retrieves client information on presentation of a valid e-mail address and password.

On successful authentication the client ID is stored in the session to identify the customer.

- `/api/4.0/portal/login/getClientDetails.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------------------|
| email | string | E-mail address. |
| password | string | Case sensitive password. |

3.4.2 forgotPassword

Handles request to send a password reset e-mail.

- `/api/4.0/portal/login/forgotPassword.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|-----------------|
| email | string | E-mail address. |

3.4.3 resetPassword

Fulfills a request to reset a password after a password reset link has been clicked.

- `/api/4.0/portal/login/resetPassword.[json/xml]`

| Parameter | Type | Description |
|------------------|---------|--------------------------------------|
| code | string | Password reset code. |
| reset | boolean | Set to true under all circumstances. |
| password | string | New password. |
| passwordRepeated | string | Confirmation of new password. |

3.4.4 glideLogin

Processes a login request.

On success a list of accounts with which the user is associated is returned.

- `/api/4.0/portal/login/glideLogin.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------------------|
| email | string | E-mail address |
| password | string | Case sensitive password. |

3.4.5 selectAccount

Selects an account from the list of accounts associated with the customer identified in the session.

- `/api/4.0/portal/login/selectAccount.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|--|
| id | integer | ID of account from the list returned by glideLogin() |
| type | string | Account type (tenant, multisite, referral, thirdParty) |

3.4.6 getCurrentClient

Returns the name of the customer identified in the session and the type of account they have.

- `/api/4.0/portal/login/getCurrentClient.[json/xml]`

3.4.7 logout

Destroys the current session, effectively logging-out the user.

- `/api/4.0/portal/login/logout.[json/xml]`

3.4.8 ticket

Retrieves a ticket identified by a unique hash. Used to fulfill links in e-mails which allow customers to access tickets using a single click, without logging-in.

This method performs a logout. If the ticket hash is then valid then the customer who owns the ticket becomes the logged-in customer in the session.

- `/api/4.0/portal/login/ticket.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------|
| hash | string | Ticket hash. |

3.5 Multisite

There is no documentation available for any of the methods in this controller.

3.6 Referral

There is no documentation available for any of the methods in this controller.

3.7 Supplier

There is no documentation available for any of the methods in this controller.

3.8 Support

Manages customer tickets.

3.8.1 getTickets

Retrieves all tickets associated with the customer identified in the session that have been marked as viewable in the portal in EGS.

- `/api/4.0/portal/support/getTickets.[json/xml]`

3.8.2 createTicket

Creates a new support ticket.

The new ticket will be associated with the customer or supplier identified in the session.

- `/api/4.0/portal/support/createTicket.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|---|
| subject | string | Ticket subject. |
| message | string | Ticket body. |
| houseId | integer | Optional house ID if it is to be associated with a house. |
| file | string | Optional attachment file data. |

3.8.3 getTicketAddresses

Retrieves house addresses associated with the customer associated with an existing ticket.

The referenced ticket must belong to the customer identified in the session. Will not return anything if the referenced ticket is associated with a supplier.

- `/api/4.0/portal/support/getTicketAddresses.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-------------|
| ticketId | integer | Ticket ID. |

3.8.4 getTicketResponses

Retrieves responses associated with an existing ticket.

The referenced ticket must belong to the customer identified in the session.

- `/api/4.0/portal/support/getTicketResponses.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-------------|
| ticketId | integer | Ticket ID. |

3.8.5 addTicketResponse

Adds a new response to an existing ticket.

The referenced ticket must belong to the customer identified in the session.

- `/api/4.0/portal/support/addTicketResponse.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|--------------------------------------|
| ticketId | integer | Ticket ID. |
| message | string | The body of the new ticket response. |
| file | string | Optional attachment file data. |

3.9 Tenant

Manages tenant-specific features.

3.9.1 validateSession

Returns true under all circumstances.

The purpose (pointlessness) of this method needs to be reviewed.

- `/api/4.0/portal/tenant/validateSession.[json/xml]`

3.9.2 getDashboardDetails

Returns dashboard box contents relevant to the tenant customer identified in the session.

- `/api/4.0/portal/tenant/getDashboardDetails.[json/xml]`

3.9.3 updateInvitedTenantDetails

Allows the customer identified in the session to update the details of invited tenants in their household.

- `/api/4.0/portal/tenant/updateInvitedTenantDetails.[json/xml]`

| Parameter | Type | Description |
|-----------|-------|---|
| tenants | array | Invited tenants information. Each element must be an associative array containing id, email and mobile. |

3.10 ThirdParty

Manages third-party specific features.

3.10.1 getDashboardDetails

Returns dashboard box contents relevant to the third party customer identified in the session.

- `/api/4.0/portal/thirdParty/getDashboardDetails.[json/xml]`

3.11 User

There is no documentation available for any of the methods in this controller.

Chapter 4

SignUp

Provides methods and facilities relating to tenant sign-up.

4.1 Address

Provides postcode and address lookup facilities.

4.1.1 searchPremiseByPostcode

Searches for addresses in the Royal Mail PAF by postcode.

Returns an array of matching records, each containing UDPRN ("udprn"), a full address string ("address") and component address strings ("address1", "address2", "town" and "postcode").

- `/api/4.0/signUp/address/searchPremiseByPostcode.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|----------------------------|
| postcode | string | The postcode to search by. |

4.1.2 searchPremiseByOrganisation

Searches for addresses in the Royal Mail PAF by organisation name.

Returns an array of matching records, each containing UDPRN ("udprn") and a full address string ("address").

- `/api/4.0/signUp/address/searchPremiseByOrganisation.[json/xml]`

| Parameter | Type | Description |
|--------------|--------|--------------------|
| organisation | string | Organisation name. |

4.1.3 searchPremiseByStreet

Searches for addresses in the Royal Mail PAF by organisation name.

Returns an array of matching records, each containing UDPRN ("udprn"), a full address string ("address") and component address strings ("address1", "address2", "town" and "postcode").

- `/api/4.0/signUp/address/searchPremiseByStreet.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------|
| street | string | Street name. |
| town | string | Town. |

4.1.4 getPremiseAddress

Retrieves address details from the Royal Mail PAF for a particular UDPRN.

Returns complete PAF record, unless simplified, in which case empty fields are removed and some other fields are combined.

- `/api/4.0/signUp/address/getPremiseAddress.[json/xml]`

| Parameter | Type | Description |
|------------|---------|---|
| udprn | string | Unique delivery point number (UDPRN) of property. |
| simplified | boolean | Set true to return simplified results. |

4.1.5 validatePostcode

Validates a postcode.

Returns success as true if valid.

- `/api/4.0/signUp/address/validatePostcode.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|-----------------------|
| postcode | string | Postcode to validate. |

4.1.6 cannotFind

Handles a submission from a visitor who cannot find their address in the Royal Mail PAF.

Return success as true.

- `/api/4.0/signUp/address/cannotFind.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------------------------|
| name | string | Visitor's name. |
| number | string | Visitor's telephone number. |
| email | string | Visitor's e-mail address. |
| address1 | string | First line of address. |
| address2 | string | Second line of address. |
| town | string | Town. |
| postcode | string | Postcode. |
| message | string | Optional message from visitor. |

4.2 Business

Provides facilities for the business signup.

4.2.1 lookup

Retrieves company information from Companies House.

Returns information array with the following elements: incorporation_date, accounts (due_date and last_madeup), returns (due_date and last_madeup), name, address (array) and addressFull (address on one line).

- /api/4.0/signUp/business/lookup.[json/xml]

| Parameter | Type | Description |
|---------------|--------|---------------------------------|
| companyNumber | string | Companies House company number. |

4.3 ChangeOfTenancy

There is no documentation available for any of the methods in this controller.

4.4 InvitedClient

Handles sign-ups from invited tenants.

4.4.1 getTenantDetails

Retrieve details of invited tenant.

Returns a package of information including the invited tenant's details, the lead tenant's details, house information, details of other tenants and the house quote.

- /api/4.0/signUp/invitedClient/getTenantDetails.[json/xml]

| Parameter | Type | Description |
|-----------|--------|-------------------------------|
| code | string | Code from unique signup link. |

4.4.2 tenantComplete

Complete signup for an invited tenant.

Sends e-mail and text messages confirming signup. If the tenant is the last in the house to sign up then the house signup is marked complete and a further e-mail is sent to all tenants confirming this. Returns client ID and tenant ID.

- /api/4.0/signUp/invitedClient/tenantComplete.[json/xml]

| Parameter | Type | Description |
|---------------------|--------|--|
| code | string | Code from unique signup link. |
| agent | string | Letting agent. |
| businessSource | string | Business source. |
| otherBusinessSource | string | Other business source if businessSource set to 'Other' |

4.4.3 thirdPartyComplete

Complete signup for a third party.

Returns the third party's client ID and the associated tenant's ID.

- `/api/4.0/signup/invitedClient/thirdPartyComplete.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|-------------------------------|
| code | string | Code from unique signup link. |

4.4.4 thirdParty

Creates a third party based on details provided by tenant and sends invitation messages.

- `/api/4.0/signup/invitedClient/thirdParty.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|-------------------------------|
| Tenant | integer | ID (not client ID). |
| firstName | string | Third party's first name. |
| surname | string | Third party's surname. |
| email | string | Third party's e-mail address. |
| mobile | string | Third party's mobile number. |

4.4.5 numberOfTenantsStillToSignup

Returns number of tenants still yet to sign up in a household.

- `/api/4.0/signup/invitedClient/numberOfTenantsStillToSignup.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|--|
| Tenant | integer | ID (not client ID). House is retrieved from this identifier. |

4.5 Multisite

There is no documentation available for any of the methods in this controller.

4.6 Payment

Manages registration of payment cards.

4.6.1 registerCard

Registers a new payment card for a tenant or their third party. This will charge GBP1 to the card.

Returns success as true if all went well.

- `/api/4.0/signup/payment/registerCard.[json/xml]`

| Parameter | Type | Description |
|----------------|---------|--|
| tenantId | integer | Tenant ID. |
| clientId | integer | Client ID. |
| number | string | Card PAN. |
| cv2 | string | CV2 number. |
| month | string | Expiry month (NN). |
| year | string | Expiry year (NNNN). |
| address | string | Billing address (comma separated string). |
| cardHolderName | string | Name on card. |
| mode | string | Pass "thirdParty" to register the card against the tenant's third party. |

4.6.2 getClientAddresses

Retrieves addresses associated with a given customer.

- /api/4.0/signUp/payment/getClientAddresses.[json/xml]

| Parameter | Type | Description |
|-----------|---------|---------------------|
| clientId | integer | Customer client ID. |

4.7 Quote

Provides methods relating to service quoting and availability checking.

4.7.1 allServices

Calculates a quote.

Returns a package of information containing quotes for each requested service plus an overall cost per person per week and per month.

- /api/4.0/signUp/quote/allServices.[json/xml]

| Parameter | Type | Description |
|---------------|---------|---|
| postcode | string | House postcode. |
| capacity | integer | House capacity. |
| minTerm | integer | Contract length (months). |
| gas | boolean | Set to true to quote for gas. |
| electricity | boolean | Set to true to quote for electricity. |
| water | boolean | Set to true to quote for water. |
| telephone | boolean | Set to true to quote for telephone. |
| broadband | boolean | Set to true to quote for broadband. |
| tv | boolean | Set to true to quote for TV licence. |
| broadbandType | string | Type of broadband requested (llu24s, llu24p, bt24s) |

4.7.2 servicePrice

Calculate a quote for a particular service.

Returns quote with the following figures: monthly-fee, tenant-week, tenant-month

- `/api/4.0/signUp/quote/servicePrice.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|---|
| service | string | Service to quote for (gas, electricity, water, telephone, broadband, tv) |
| tenants | integer | Number of tenants (house capacity). |
| period | integer | Contract term (months). |
| extra | string | Type of broadband requested, if the selected service is broadband (llu24s, llu24p, bt24s) |

4.7.3 telephoneConnectionCharge

Calculates telephone connection charge that may be applicable.

Returns the total calculated charge and the charge per tenant.

- `/api/4.0/signUp/quote/telephoneConnectionCharge.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|--|
| tenants | integer | Number of tenants (house capacity). |
| period | integer | Contract term (months). |
| orderType | string | Telephone order type (restart, takeover, transfer, convert, new) |
| broadband | boolean | Set to true if broadband is also required. |

4.7.4 broadbandActivationCharge

Calculates broadband activation charge that may be applicable.

- `/api/4.0/signUp/quote/broadbandActivationCharge.[json/xml]`

| Parameter | Type | Description |
|-----------|---------|---|
| minTerm | integer | Contract term (months). |
| type | string | Broadband connection type (llu24s, llu24p, bt24s) |

4.7.5 broadbandAvailability

Determines broadband availability.

Returns the exchange code if broadband is available.

- `/api/4.0/signUp/quote/broadbandAvailability.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|----------------------|
| postcode | string | Porpoerty posrtcode. |

4.7.6 telephoneConnectionType

Determine telephone connection type.

Possible connection types returned are: restart, takeover, transfer, convert, new. Notes are also returned where applicable.

- `/api/4.0/signUp/quote/telephoneConnectionType.[json/xml]`

| Parameter | Type | Description |
|------------------|--------|--|
| cli | string | Existing telephone number, if known. If neither this nor the Openreach address reference is known then the address must be passed separately using the remaining parameters. |
| addressReference | string | Openreach address reference, if known. If neither this nor the CLI is known then the address must be passed separately using the remaining parameters. |
| address1 | string | Manual address line 1. |
| address2 | string | Manual address line 2. |
| subPremise | string | Manual address sub-premises name. |
| buildingName | string | Manual address building name. |
| buildingNumber | string | Manual address building number. |
| thoroughFare | string | Manual address thoroughfare (street). |
| town | string | Manual address town. |
| postcode | string | Manual address postcode. |

4.7.7 telephoneAddress

Look up an address in the Openreach address database, which is completely different to Royal Mail's and it's apparently impossible for them to use the same one. Imagine.

- `/api/4.0/signUp/quote/telephoneAddress.[json/xml]`

| Parameter | Type | Description |
|----------------|--------|------------------------|
| subPremise | string | Sub-premises name. |
| buildingName | string | Building name. |
| buildingNumber | string | Building number. |
| thoroughFare | string | Thoroughfare (street). |
| town | string | Town. |
| postcode | string | Postcode. |

4.7.8 email

Send a quote via e-mail.

- `/api/4.0/signUp/quote/email.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|---|
| name | string | Name of visitor who created the quote. |
| address | string | Property address (one line). |
| link | string | Unique quote link. |
| emails | array | Array of e-mail addresses to which the e-mail should be sent. |

4.8 ReferralHouse

There is no documentation available for any of the methods in this controller.

4.9 Tenant

General signup facilities, handles ordering of services, session management and signup completion.

4.9.1 getUniversities

Returns a complete list of UK universities.

- `/api/4.0/signup/tenant/getUniversities.[json/xml]`

4.9.2 clientExistanceCheck

Check if a client record bearing a given e-mail address already exists.

Returns exists=true if a record does exist, and if there is a Facebook access token associated with the existing client record this too is returned.

- `/api/4.0/signup/tenant/clientExistanceCheck.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|--------------------------|
| email | string | E-mail address to check. |

4.9.3 saveSession

Saves a signup session and e-mails the visitor.

Returns success true and a unique session key.

- `/api/4.0/signup/tenant/saveSession.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|---------------------------|
| email | string | Visitor's e-mail address. |
| session | array | Signup session data. |

4.9.4 restoreSession

Returns session data previously saved by saveSession()

- `/api/4.0/signup/tenant/restoreSession.[json/xml]`

| Parameter | Type | Description |
|-----------|--------|---------------------|
| code | string | Unique session key. |

4.9.5 addServices

Adds services to a signup.

- `/api/4.0/signup/tenant/addServices.[json/xml]`

| Parameter | Type | Description |
|-------------|---------|-----------------------------------|
| inviteCode | string | Code from unique signup link. |
| gas | boolean | Set to true to order gas. |
| electricity | boolean | Set to true to order electricity. |
| water | boolean | Set to true to order water. |
| telephone | boolean | Set to true to order telephone. |
| broadband | boolean | Set to true to order broadband. |
| tv | boolean | Set to true to order TV licence. |

4.9.6 complete

Complete the signup, create the house and associated database records and adds services to the house. Sends signup completion e-mails to all tenants.

- `/api/4.0/signup/tenant/complete.[json/xml]`

| Parameter | Type | Description |
|-------------|---------|--|
| startDate | string | House start date (DD/MM/YYYY). |
| minTerm | integer | Contract term (months). |
| capacity | integer | House capacity, |
| address | array | Address array with the following elements: address1, address2, town, postcode, udprn |
| gas | boolean | Set to true to order gas. |
| electricity | boolean | Set to true to order electricity. |
| water | boolean | Set to true to order water. |
| telephone | boolean | Set to true to order telephone. |
| broadband | boolean | Set to true to order broadband. |
| tv | boolean | Set to true to order TV licence. |

Glossary

HTTP (Hypertext Transfer Protocol) is a networking protocol for distributed, collaborative, hypermedia information systems. HTTP is the foundation of data communication for the Web. 5

JSON (JavaScript Object Notation) is a lightweight text-based open standard designed for human-readable data interchange. It is derived from the JavaScript scripting language for representing simple data structures and associative arrays, called objects. Despite its relationship to JavaScript, it is language-independent, with parsers available for most languages. 5

REST (Representational State Transfer) is a model for web services based solely on HTTP. REST takes the view that the Web already has everything necessary for web services, without having to add extra specifications like SOAP and UDDI. Any item can be made available (ie represented) at a URI, and, subject to the necessary permissions, it can be manipulated using one of the simple operations defined within HTTP (GET to retrieve information, PUT and POST to modify it, DELETE to remove it). REST is a more modern method of implementing web services than SOAP and is better supported by modern APIs and SDKs. 5

XML (Extensible Markup Language) is a set of rules for encoding documents and data in a machine-readable format. Uses of XML are diverse and varied, but it is commonly used to exchange information between third party systems such as payment gateways and remote data sources. 5