SYNERGY SKY

Version: 756-9021

Last Updated: 27.09.2018

Meeting Portal API Documentation

Synergy Manage v4.14

Contents

- 1 Introduction
- 2 API Concept
  - 2.1 Data formats
- 3 Standard Communication Types
  - 3.1 Authentication
- 4 HTTP Response codes
  - 4.1 POST
  - 4.2 PUT
  - 4.3 GET
  - 4.4 DELETE
- 5 Types
  - 5.1 Entity
  - 5.2 Meeting
  - 5.3 Meeting Entity
  - 5.4 Scheduling Template
  - 5.5 Appointment
  - 5.6 Meeting Create Result
  - 5.7 Meeting Update Result
  - 5.8 Meeting Delete Result
  - 5.9 Meeting Extend Result
  - 5.10 Meeting End Now Result
- 6 Accessing the API
  - 6.1 Entity Manager
  - 6.2 Entity
  - 6.3 Meeting
  - 6.4 Types
  - 6.5 References

1 Introduction

This is the documentation for the official Meeting Portal API

This document describes the main concepts behind the Meeting Portal, as well as how to integrate with them through an API. This document does not attempt to describe best practices for building your integration, as this will differ depending on the scale of your service and how extensively you are using Synergy Manage within your service offering.

2 API Concept

This API is REST-ful implementation [1]. This translates into a set of paths or URLs, which give access to the consumer of the API. Depending on the action you are performing, the HTTP verb may change.

Examples

```
To access an entity, the path will be meeting_portal_api.com/entity/UUID and the verb will be GET.
To update an entity, the path will also be meeting_portal_api.com/entity/UUID and the verb will be PUT.
```

2.1 Data formats

When accessing the API, you can specify whether you want to receive data back in JSON or XML format. This is done by changing the Accept header

```
For JSON use Accept: application/json
For XML use Accept: application/xml
```

3 Standard Communication Types

The standard methods for interacting with the API follow the HTTP protocol where the method name is used against the object path for interaction.

Method	Action	Description
POST	Create	Create a new object in the system
PUT	Update	Modify existing target
GET	Request/Get	Get existing information
DELETE	Delete / Remove	Delete object from the system

3.1 Authentication

This API implements only Basic Access Authentication [2] as form of authentication.

To authenticate a client request a token should be included in the header of the request.

C# example

```
client.Headers.Add("Authorization", "BASIC QWxhZGRpbjpvcGVuIHNlc2FtZQ==");
```

From wikipedia.org[3]:

Note

When the user agent wants to send the server authentication credentials it may use the Authorization header. The Authorization header is constructed as follows: Username and password are combined into a string **username:password**. The resulting string literal is then encoded using the RFC2045-MIME variant of Base64, except not limited to 76 char per line. The authorization method and a space i.e. **"Basic "** is then put before the encoded string. For example, if the user agent uses **"Aladdin"** as the username and **"open sesame"** as the password then the header is formed as follows: **Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==**

4 HTTP Response codes

HTTP Code	Name	Description
200	OK	Returned from a successful GET, DELETE and PUT
201	Created	Returned from a successful POST
204	No Content	Returned from a successful POST
400	Bad Request	Returned from a request that was invalid or lacked mandatory parameters
500	Internal Service Error	Returned from a request that failed, some invalid parameters return 500 instead of 400 for example, requesting a UUID which does not exist in the database

4.1 POST

The POST method is used for creating/Adding a new resource to the system. It is applied on the base URI of the Method. When Posting or creating/adding a new resource the values are added into the body of the request in JSON format. Parameters are documented under each service path

When creating a new instance of any object you start with a POST.

```
{
   "xxx":"yyy",
   "zzz":"aaa",Location header.
   "AttributeValues": [
       {“name”: “<keyname>”, “value”:”<data value>”},
       {“name”: “<keyname>”, “value”:”<data value>”}]
}
```

4.2 PUT

The PUT method is used for updating resources. The expected Content-type is **application/json**

4.3 GET

The GET method is used for fetching data from the system, additional parameters are passed in as url parameters in addition to the URI path.

Response list is described under each respective API function, and consist of JSON formatted data.

4.4 DELETE

The DELETE method is used for removing the referenced object by the passed in UUID.

5 Types

There are a number of types that are used in this API to transfer information between client and server. You wil see these referenced in the signatures of various methods.

5.1 Entity

An entity refers to either a user or a meeting room. When you book a meeting, you will need to supply details of the organiser - which will be an entity - as well as details about which entity is associated with making the changes. That means all entities MUST exist in the Synergy platform.

5.1.1 Reference

Field	Type
Id	UUID
CustomerId	UUID
Customer	string
GroupId	UUID
Group	string
GroupPath	string
Description	string
Email	string
TypeId	integer
Type	string
ExternalCalendarReference	string
IsSuperUser	boolean
SuperUserEntryPointUUID	UUID
IsAdministrator	boolean

5.1.2 Example

{

```
  "Id": "8693be4e-40d7-42e6-892c-0b397bbbaf8c",
  "CustomerId": "7df205f2-dec2-462a-862c-d858e971feb0",
  "Customer": "Synergy SKY",
  "GroupId": "d1c24130-44cf-4b61-aa4c-ba281a8e08fb",
  "Group": "Users",
  "GroupPath": "6346f0df-6ed5-49d9-99b6-a1a842922eec,261a439e-88f5-4450-a9e1-ee29f854c6ad,dc=synergysky",
  "Description": "John Doe",
  "Email": "johndoe@synergysky.com",
  "TypeId": 1,
  "Type": "User",
  "ExternalCalendarReference": null,
  "IsSuperUser": true,
  "SuperUserEntryPointUUID": "7ae63dd1-863f-4dfe-a200-7ee0da58c6c3",
  "IsAdministrator": true
```

}

5.2 Meeting

A meeting refers to a booking with subject, details etc and of course participants. It should be noted that users of the API need to apply timezones correcly as the API assumes all times are in UTC. Also, meetings created through the API must be visible in the standard Meeting Portal Web interface. This means meetings - when converted into local time - cannot run past midnight.

When Creating or Updating a meeting, you need to populate the recurrence fields, even if they are not being used, e.g.

```
RecurrenceTypeId, e.g. 1
RecurrenceEndDate - this is the only field that can be left empty if not being used
RecurrenceIntervalMetric, e.g. 2
RecurrenceIntervalInfo, e.g. ""
```

5.2.1 Reference

Field	Type
Id	UUID
ExternalId	int
CreatedById	UUID
CreatedByEmailAddress	string
LastUpdatedBy	UUID
LastUpdatedByEmailAddress	string
DeletedBy	UUID
DeletedByEmailAddress	string
OrganiserId	UUID
OrganiserDescription	string
OrganiserEmailAddress	string
SchedulingTemplateId	integer
ActivityCode	string
BillingCode	string
ReservationOnly	boolean
Subject	string
Description	string
StartTime	DateTime
EndTime	DateTime
RecurrenceTypeId	integer
RecurrenceEndDate	DateTime
RecurrenceIntervalMetric	integer
RecurrenceIntervalInfo	string
MeetingEndEmailRequired	boolean
MeetingIsExtendable	boolean
VMRTypeId	integer
VMRType	string
UriWithDomain	string
UriWithDomain2	string
CallIdHost	long
CallIdGuest	long
UriWithoutDomain	string
HostPin	long
GuestPin	long
MeetingEntities	List<MeetingEntity>

5.2.2 Example


```
{
  "Id": "4e44dd36-73e7-4d7d-b684-f70409e84f56",
  "CreatedById": "a820bbe2-82e7-45f1-bf66-4799f594e2e9",
  "CreatedByEmailAddress": "johndoe@synergysky.com",
  "LastUpdatedBy": "04233245-8dfb-42af-a7dd-2edc7517dbe4",
  "LastUpdatedByEmailAddress": "johndoe@synergysky.com",
  "DeletedBy": "33d34b1f-56f6-4c35-a697-dc07befe34ad",
  "DeletedByEmailAddress": "johndoe@synergysky.com",
  "OrganiserId": "38b9e43e-619b-4150-9fe6-a85973483d24",
  "OrganiserDescription": "John Doe",
  "OrganiserEmailAddress": "johndoe@synergysky.com",
  "SchedulingTemplateId": 2,
  "ActivityCode": "SALES001",
  "BillingCode": "SALESBILL001",
  "ReservationOnly": false,
  "Subject": "Weekly sales meeting",
  "Description": "Go through recent sales activity and prospects",
  "StartTime": "2017-06-23T09:00:00",
  "EndTime": "2017-06-23T10:00:00",
  "RecurrenceTypeId": "1",
  "RecurrenceEndDate": "2018-06-23",
  "RecurrenceIntervalMetric": 2,
  "RecurrenceIntervalInfo": "",
  "MeetingEndEmailRequired": true,
```

```
  "MeetingIsExtendable": true,
  "VMRTypeId": 1,
  "VMRType": "Dynamic",
  "UriWithDomain": "acch.5865@alpha.syco.no",
  "UriWithDomain2": "accg.5865@alpha.syco.no",
  "CallIdHost": 3775,
  "CallIdGuest": 3569,
  "UriWithoutDomain": "5865",
  "HostPin": 1234,
  "GuestPin": 2345,
  "MeetingEntities": [
      {
          "Id": "92da83ff-1a01-427d-9d5e-0210c9aedb04",
          "MeetingId": "6dcbb448-ed6c-45b4-82fe-34a06374869c",
          "EntityId": "e4facd15-dbda-43d1-87b1-522aac5273ee",
          "EntityTypeId": 1,
          "EntityType": "User",
          "EmailAddress": "johndoe@synergysky.com",
          "Description": "John Doe",
          "IsOrganiser": true
      },
      {
          "Id": "eb94f065-5e02-451f-921e-24403936fba5",
          "MeetingId": "a0dffc85-9b7f-44c2-bc7b-349cd61f324d",
          "EntityId": "00000000-0000-0000-0000-000000000000",
          "EntityTypeId": 0,
          "EntityType": "Guest",
          "EmailAddress": "bill.gates@hotmail.com",
          "Description": "Bill Gates",
          "IsOrganiser": false,
          "DialOutUri": "bill@microsoft.com"
      },
      {
          "Id": "5e6ada51-953e-4059-b997-e9db7c45e044",
          "MeetingId": "44802feb-4e24-4694-a9e7-298a251699e7",
          "EntityId": "22b877c0-c2d7-4720-9efd-7d91b6f21b98",
          "EntityTypeId": 2,
          "EntityType": "Meeting Room",
          "EmailAddress": "boardroom@synergysky.com",
          "Description": "Boardroom",
          "IsOrganiser": false,
      }
  ]
```


}

5.3 Meeting Entity

A meeting entity is an entity, meeting room, or guest who has been invited to a meeting

5.3.1 Reference

Field	Type
Id	UUID
MeetingId	UUID
EntityId	UUID
EntityTypeId	integer
EntityType	string
EmailAddress	string
Description	string
IsOrganiser	boolean
DialOutUri	boolean

5.3.2 Example

{


```
  "Id": "35003d29-e288-479d-aad8-4b68ec8cd979",
  "MeetingId": "757922f4-2770-4968-92da-3a9ddc1fdafc",
  "EntityId": "56d39816-6c31-44ae-8e68-1b34655ff6ad",
  "EntityTypeId": 1,
  "EntityType": "User",
```

```
  "EmailAddress": "johndoe@synergysky.com",
  "Description": "John Doe",
  "IsOrganiser": false,
  "DialOutUri": "bill@microsoft.com"
```

}

5.4 Scheduling Template

A scheduling template describes the rules that will be used to create meetings for entities.

5.4.1 Reference

Field	Type
Id	integer
ContainerId	UUID
DynamicVMRCarrierId	UUID
VMRTypeId	integer
UriPrefix	string
UriDomain	string
UriPrefix2	string
UriNumberRangeLow	long
UriNumberRangeHigh	long
HostPinRequired	boolean
HostPinRangeLow	long
HostPinRangeHigh	long
KeepHostPin	boolean
GuestPinRequired	boolean
GuestPinRangeLow	long
GuestPinRangeHigh	long
CreateVMRBeforeMeetingMinutes	integer
MeetingEndEmailMinutes	integer
EmailIntegrationTypeId	integer
MeetingEndEmailAvailable	boolean
MeetingCanBeExtended	boolean
ActivityCodeRequired	boolean
BillingCodeRequired	boolean
ExternalDialOutEnabled	boolean
ReservationOnlyDefault	boolean
ISDNRegex	string
ISDNVideoPrefix	string
ISDNAudioPrefix	string

5.4.2 Example

{

```
  "Id": 2,
  "ContainerId": "56b8f435-9111-4ba8-9b27-3ac59c5506e4",
  "DynamicVMRCarrierId": "bfa08d3b-c267-43d5-9a22-ea8c444f7ba3",
  "VMRTypeId": 1,
  "UriPrefix": "sales.",
  "UriDomain": "synergysky.com",
  "UriPrefix2": "sales2.",
  "UriNumberRangeLow": 1000,
  "UriNumberRangeHigh": 5000,
  "HostPinRequired": true,
  "HostPinRangeLow": 6000,
  "HostPinRangeHigh": 9000,
  "KeepHostPin": false,
  "GuestPinRequired": true,
  "GuestPinRangeLow": 1000,
  "GuestPinRangeHigh": 2000,
  "CreateVMRBeforeMeetingMinutes": 5,
  "MeetingEndEmailMinutes": 5,
  "EmailIntegrationTypeId": 1,
```

```
  "MeetingEndEmailAvailable": true,
  "MeetingCanBeExtended": true,
  "ActivityCodeRequired": true,
  "BillingCodeRequired": true,
  "ExternalDialOutEnabled": true,
  "ReservationOnlyDefault": true,
  "ISDNRegex": ".*[s][y][n].*",
  "ISDNVideoPrefix": "99",
  "ISDNAudioPrefix": "98"
```

}

5.5 Appointment

This is used to describe other bookings/meetings that an entity may have. This only applies to meeting room entities

5.5.1 Reference

Field	Type
From	DateTime
To	DateTime
Title	string
AvailabilityType	integer
ResourceId	"boardroom@synergysky.com"

5.5.2 Example

{

```
  "From": "2017-06-23T07:00:00",
  "To": "2017-06-23T08:00:00",
  "Title": "Sales meeting",
  "AvailabilityType": 1,
  "ResourceId": "boardroom@synergysky.com"
```

}

5.6 Meeting Create Result

This is the response after a request has been made to create a meeting.

5.6.1 Reference

Field	Type
CreateResult	integer
CreateMessage	string
Meeting	Meeting

5.6.2 Example

{

```
  "CreateResult": 1,
  "CreateMessage": "",
  "Meeting": {
      "Id": "f9134d59-e439-474a-9909-271be9fd27f5",
      "CreatedById": "ae1210e9-9d95-4b40-a990-72d773d4797a",
      "CreatedByEmailAddress": "johndoe@synergysky.com",
      "LastUpdatedBy": "ef163876-d5aa-4fcd-bf51-18c821a79755",
      "LastUpdatedByEmailAddress": "johndoe@synergysky.com",
      "DeletedBy": "6cf171b3-260c-461d-b8c4-44d1a99c8dda",
      "DeletedByEmailAddress": "johndoe@synergysky.com",
      "OrganiserId": "2cff6a83-eef3-416c-9116-706118c3ee70",
      "OrganiserDescription": "John Doe",
      "OrganiserEmailAddress": "johndoe@synergysky.com",
      "SchedulingTemplateId": 2,
```

```
      "ActivityCode": "SALES001",
      "BillingCode": "SALESBILL001",
      "ReservationOnly" : false,
      "Subject": "Weekly sales meeting",
      "Description": "Go through recent sales activity and prospects",
      "StartTime": "2017-06-23T09:00:00",
      "EndTime": "2017-06-23T10:00:00",
      "RecurrenceTypeId": "1",
      "RecurrenceEndDate": "2018-06-23",
      "RecurrenceIntervalMetric": 2,
      "RecurrenceIntervalInfo": "",
      "MeetingEndEmailRequired": true,
      "MeetingIsExtendable": true,
      "VMRTypeId": 1,
      "VMRType": "Dynamic",
      "UriWithDomain": "acch.5865@alpha.syco.no",
      "UriWithDomain2": "accg.5865@alpha.syco.no",
      "CallIdHost": 3775,
      "CallIdGuest": 3569,
      "UriWithoutDomain": "5865",
      "HostPin": 1234,
      "GuestPin": 2345,
      "MeetingEntities": [
          {
              "Id": "9f3875d2-521f-45ec-b101-7fd0bb26dcfa",
              "MeetingId": "9e60d322-3b06-44af-bdc5-8054f427bf31",
              "EntityId": "a033c157-f23a-4f0d-98de-f34957ba4755",
              "EntityTypeId": 1,
              "EntityType": "User",
              "EmailAddress": "johndoe@synergysky.com",
              "Description": "John Doe",
              "IsOrganiser": true
          },
          {
              "Id": "9cb92e28-6442-44b7-ab47-027de4176499",
              "MeetingId": "9ddc08a4-19e6-46ac-b3a7-a3b9fa790796",
              "EntityId": "00000000-0000-0000-0000-000000000000",
              "EntityTypeId": 0,
              "EntityType": "Guest",
              "EmailAddress": "bill.gates@hotmail.com",
              "Description": "Bill Gates",
              "IsOrganiser": false
          },
          {
              "Id": "c44d2354-fc72-4f6b-b47f-9843cdd615da",
              "MeetingId": "e49d63b7-9963-4b4c-9d3b-a0b3a19a6c18",
              "EntityId": "cb51e44b-6794-4aac-b529-497c899483ec",
              "EntityTypeId": 2,
              "EntityType": "Meeting Room",
              "EmailAddress": "boardroom@synergysky.com",
              "Description": "Boardroom",
              "IsOrganiser": false
          }
      ]
  }
```


}

5.7 Meeting Update Result

This is the response after a request has been made to update a meeting.

5.7.1 Reference

Field	Type
UpdateResult	integer
UpdateMessage	string
Meeting	Meeting

5.7.2 Example

{

```
  "UpdateResult": 1,
  "UpdateMessage": "",
  "Meeting": {
      "Id": "2bb0f812-ce70-4205-babb-bde773afab1b",
      "CreatedById": "cedb126f-7789-474b-b63b-7cc502090553",
      "CreatedByEmailAddress": "johndoe@synergysky.com",
      "LastUpdatedBy": "6297c571-dc0a-4ec3-93a6-050670532a3a",
      "LastUpdatedByEmailAddress": "johndoe@synergysky.com",
      "DeletedBy": "e96554e1-0e40-4c10-afcc-b0795b1302cc",
      "DeletedByEmailAddress": "johndoe@synergysky.com",
      "OrganiserId": "b0902ca5-24b2-4282-b880-7289d975e9bc",
      "OrganiserDescription": "John Doe",
      "OrganiserEmailAddress": "johndoe@synergysky.com",
      "SchedulingTemplateId": 2,
      "ActivityCode": "SALES001",
      "BillingCode": "SALESBILL001",
      "ReservationOnly": false,
      "Subject": "Weekly sales meeting",
      "Description": "Go through recent sales activity and prospects",
      "StartTime": "2017-06-23T09:00:00",
      "EndTime": "2017-06-23T10:00:00",
      "RecurrenceTypeId": "1",
      "RecurrenceEndDate": "2018-06-23",
      "RecurrenceIntervalMetric": 2,
      "RecurrenceIntervalInfo": "",
      "MeetingEndEmailRequired": true,
      "MeetingIsExtendable": true,
      "VMRTypeId": 1,
      "VMRType": "Dynamic",
      "UriWithDomain": "acch.5865@alpha.syco.no",
      "UriWithDomain2": "accg.5865@alpha.syco.no",
      "CallIdHost": 3775,
      "CallIdGuest": 3569,
      "UriWithoutDomain": "5865",
      "HostPin": 1234,
      "GuestPin": 2345,
      "MeetingEntities": [
          {
              "Id": "92b36df2-a84c-448d-919d-fb3ba564031e",
              "MeetingId": "24b97b2b-8885-460f-964e-99a504866cd7",
              "EntityId": "92f51f32-a687-4173-a06a-83489c3d50a7",
              "EntityTypeId": 1,
              "EntityType": "User",
              "EmailAddress": "johndoe@synergysky.com",
              "Description": "John Doe",
              "IsOrganiser": true
          },
          {
              "Id": "8f8aa972-962c-4560-af25-6ae86db2e66a",
              "MeetingId": "5a3a1392-0186-4089-86dd-3defe080d0fd",
              "EntityId": "00000000-0000-0000-0000-000000000000",
              "EntityTypeId": 0,
              "EntityType": "Guest",
              "EmailAddress": "bill.gates@hotmail.com",
              "Description": "Bill Gates",
              "IsOrganiser": false
          },
          {
              "Id": "a35eb1d5-d822-473d-8b05-41564ff1f565",
              "MeetingId": "7cfc78fa-963a-4d8a-bc5f-265d8ce314e8",
              "EntityId": "806300b0-cc38-42a9-b0be-823ed7c8e8fe",
              "EntityTypeId": 2,
              "EntityType": "Meeting Room",
              "EmailAddress": "boardroom@synergysky.com",
              "Description": "Boardroom",
              "IsOrganiser": false
          }
      ]
  }
```


}

5.8 Meeting Delete Result

This is the response after a request has been made to delete a meeting.

5.8.1 Reference

Field	Type
DeleteResult	integer
DeleteMessage	string

5.8.2 Example

{

```
  "DeleteResult": 1,
  "DeleteMessage": ""
```

}

5.9 Meeting Extend Result

This is the response after a request has been made to extend a meeting.

5.9.1 Reference

Field	Type
ExtendResult	integer
ExtendMessage	string

5.9.2 Example

{

```
  "ExtendResult": 1,
  "ExtendMessage": ""
```

}

5.10 Meeting End Now Result

This is the response after a request has been made to end a meeting.

5.10.1 Reference

Field	Type
EndNowResult	integer
EndNowMessage	string

5.10.2 Example

{

```
  "EndNowResult": 1,
  "EndNowMessage": ""
```

}

6 Accessing the API

Calls to the API are grouped into logical areas of functionality. This sections describes those groups and the methods available in each.

6.1 Entity Manager

Service path: **/entitymanager/find**

This method is used to identify an entity by it's email address.
HTTP Method accepted: [GET]

6.1.1 Request

Parameter name	Parameter type	Description
email	string	

6.1.2 Response

Name	Type	Description
entity id	UUID	

6.1.3 Usage

The email address you supply in the search must match to exactly 1 entity. If it matches to 1 entity, then the UUID for that entity is returned. If it matches 0, or more than 1, an empty UUID is returned.

Service path: **/entitymanager/search**

This method is used to search for entities.
HTTP Method accepted: [GET]

6.1.4 Request

Parameter name	Parameter type	Description
containerid	UUID	
entitytypeid	int	1 - Entity, 2 - Meeting Room
filter	string	

6.1.5 Response

Name	Type	Description
entities	List<Entity>	

6.1.6 Usage

ContainerId and EntityTypeId are mandatory. Filter is optional. This search will match on the name of an user or meeting room. It will also return any entities that have uris that match. The filter is not an exact match, e.g. 'an' would match 'Hannah' and 'Sandra'

6.2 Entity

Service path: **/entity/UUID**

This method is used to get details of a specific entity.
HTTP Method accepted: [GET]

6.2.1 Request

Parameter name	Parameter type	Description
UUID	UUID	

6.2.2 Response

Name	Type	Description
entity	Entity	

6.2.3 Usage

If you supply a UUID that the system doesn't recognise, it will throw an exception

Service path: **/entity/UUID/meetings**
This method is used to get the meetings of an entity.
HTTP Method accepted: [GET]

6.2.4 Request

Parameter name	Parameter type	Description
UUID	UUID	
from	DateTime	
to	DateTime	
filter	string	
IncludeNonRecurring	boolean	
IncludeRecurring	boolean	
ExternalId	int	-1 to ignore this filter

6.2.5 Response

Name	Type	Description
meetings	List<Meeting>	

6.2.6 Usage

All parameters are required, except filter. The filter can be added as a partial match on the subject of meetings.

Service path: **/entity/UUID/meetingsforentityandcontainer**
This method is used to get the meetings of an entity and those for entities in a specified container.
HTTP Method accepted: [GET]

6.2.7 Request

Parameter name	Parameter type	Description
UUID	UUID	
containerid	UUID	
from	DateTime	
to	DateTime	
filter	string	
IncludeNonRecurring	boolean	
IncludeRecurring	boolean	

6.2.8 Response

Name	Type	Description
meetings	List<Meeting>	

6.2.9 Usage

All parameters are required, except filter. The filter can be added as a partial match on the subject of meetings.

Service path: **/entity/UUID/appointments**
This method is used to get the appointments of an entity. It only applies to entities of type Meeting Room.
HTTP Method accepted: [GET]

6.2.10 Request

Parameter name	Parameter type	Description
UUID	UUID	
from	DateTime	
to	DateTime	

6.2.11 Response

Name	Type	Description
appointments	List<Appointment>	

Service path: **/entity/UUID/schedulingtemplate**
This gets you the scheduling template that applies to this entity.
HTTP Method accepted: [GET]

6.2.12 Request

Parameter name	Parameter type	Description
UUID	UUID	

6.2.13 Response

Name	Type	Description
template	SchedulingTemplate	

Service path: **/entity/UUID/meetingsinvolvedin**
This method is used to get the meetings that an entity (meeting room or user) is involved in, even if they are not the organiser.
HTTP Method accepted: [GET]

6.2.14 Request

Parameter name	Parameter type	Description
UUID	UUID	
from	DateTime	
to	DateTime	
IncludeNonRecurring	boolean	
IncludeRecurring	boolean	

6.2.15 Response

Name	Type	Description
meetings	List<Meeting>	

6.2.16 Usage

All parameters are required.

6.3 Meeting

6.3.1 GET

Service path: **/meeting/UUID**
This method is used to get the details of a meeting.
HTTP Method accepted: [GET]

6.3.1.1 Request

Parameter name	Parameter type	Description
UUID	UUID	

6.3.1.2 Response

Name	Type	Description
meeting	Meeting	

6.3.1.3 Usage

If you supply a meeting UUID that the system doesn't recognise, it will throw an exception.

6.3.2 PUT

Service path: **/meeting/UUID**
This method is used to update the details of a meeting.
HTTP Method accepted: [PUT]

6.3.2.1 Request

Parameter name	Parameter type	Description
UUID	UUID	
meeting	Meeting	This must be passed in the body of the request

6.3.2.2 Usage

```
Id is required
All start and end times must be converted to UTC before passing into the method
All start end end times must have minutes that end in 0 or 5.  This is so when the meeting is opened in the portal, it ca
LastUpdatedBy, LastUpdatedEmailAddress must be populated
Start and End time are required
Subject is required
Activity code is required if the template for that user states that Activity Code is required
Description is required
There must be exactly 1 organiser
Billing code must match any billing code in the system if the template for that user states that Billing Code is required
```

6.3.2.3 Response

Name	Type	Description
result	UpdateMeetingResult	

6.3.3 DELETE

Service path: **/meeting/UUID**
This method is used to delete a meeting.
HTTP Method accepted: [DELETE]

6.3.3.1 Request

Parameter name	Parameter type	Description
UUID	UUID	
meeting	Meeting	This must be passed in the body of the request

6.3.3.2 Response

Name	Type	Description
result	DeleteMeetingResult	

6.3.3.3 Usage

You must supply details of the meeting for auditing purposes

```
Id is required
DeletedBy, DeletedByEmailAddress are required
```

```
Subject is required
```

6.3.4 POST

Service path: **/meeting**
This method is used to create a meeting. You do not specify things like uris because those are generated by the system. Look at the list below for required fields.
HTTP Method accepted: [POST]

6.3.4.1 Request

Parameter name	Parameter type	Description
meeting	Meeting	This must be passed in the body of the request

6.3.4.2 Response

Name	Type	Description
result	CreateMeetingResult	

6.3.4.3 Usage

```
All start and end times must be converted to UTC before passing into the method
All start end end times must have minutes that end in 0 or 5.  This is so when the meeting is opened in the portal, it ca
CreatedById and CreatedByEmailAddress must be populated
OrganiserId, OrganiserDescription and OrganiserEmailAddress must be populated
Start and End time are required
Subject is required
Activity code is required if the template for that user states that Activity Code is required
Description is required
VMRType Id should be set to 1 to indicate a dynamic VMR
There must be exactly 1 organiser
Billing code must match any billing code in the system if the template for that user states that Billing Code is required
```

6.3.5 EXTEND

Service path: **/meeting/UUID/extend/minutes**
This method is used to extend a non-recurring meeting that is in progress.
HTTP Method accepted: [GET]

6.3.5.1 Request

Parameter name	Parameter type	Description
UUID	UUID	
minutes	15, 30 or 60 minutes	

6.3.5.2 Response

Name	Type	Description
result	ExtendMeetingResult	

6.3.5.3 Usage

You cannot extend recurring meeting through the API, and you can only extend a meeting by 15, 30 or 60 minutes

6.3.6 END NOW

Service path: **/meeting/UUID/endnow**
This method is used to end a meeting that is currently in progress.
HTTP Method accepted: [GET]

6.3.6.1 Request

Parameter name	Parameter type	Description
UUID	UUID	

6.3.6.2 Response

Name	Type	Description
result	EndNowMeetingResult	

6.3.6.3 Usage

You cannot end recurring meeting in this way through the API

6.4 Types

Included in the API are some examples of the types used to give easy access to the format etc

```
meeting_portal_api.com/types/entity
meeting_portal_api.com/types/meeting
meeting_portal_api.com/types/meetingentity
meeting_portal_api.com/types/schedulingtemplate
meeting_portal_api.com/types/appointment
meeting_portal_api.com/types/meetingcreateresult
meeting_portal_api.com/types/meetingupdateresult
meeting_portal_api.com/types/meetingdeleteresult
meeting_portal_api.com/types/meetingextendresult
```

6.5 References

1. ↑ http://en.wikipedia.org/wiki/REST
2. ↑ http://en.wikipedia.org/wiki/Basic_access_authentication]
3. ↑ http://en.wikipedia.org/wiki/Basic_access_authentication

Category: API