## 



CRM Web API Specification Doc

26.05.2016

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* Response
* **Get By Id (returns specific email list and contacts of that list)**
* Request - http://crmbeta.azurewebsites.net/api/EmailLists/{id}
* Response
* **Put (adds certain contacts to a mailing lists)**
* Request - http://crmbeta.azurewebsites.net/api/EmailLists/add/{id}

In url you can specify the id of mailing list you would like to add contacts, guids of which must be in array in http body.

* Response
* **Put (remove contacts from specific mailing list by Id)**
* Request - [http://crmbeta.azurewebsites.net/api/ EmailLists /remove/{id}](http://crmbeta.azurewebsites.net/api/MailingLists/remove/%7bid%7d)

Add in body the array of guids of contacts you would like to remove from mentioned mailing list

* Response
* **Post (add new email list to database)**
* Request - <http://crmbeta.azurewebsites.net/api/>EmailLists

In url write the name of new mailing list you wish to create

* Response
* **Delete (delete multiple mailing lists)**
* Request - [http://crmbeta.azurewebsites.net/api/EmailLists/delete/{id}](http://crmbeta.azurewebsites.net/api/EmailLists%20)

Add in body an array of ids you would like to remove

* Response

**Send Email**

* **Post (sends emails to contacts by contacts guid list, and template id)\***
* Request - [http://crmbeta.azurewebsites.net/api/EmailSender/{TemplateId}](http://crmbeta.azurewebsites.net/api/EmailSender/%7btemplateId%7d)

Add in body the array of guids of contacts you would like to send email based on specified template

* Response
* **Post (sends emails to contacts by email list id and template id)**
* Request - **http://crmbetb.azurewebsites.net/**api/EmailSender/{EmailListId}/{TemplateId}
* Response

**Email Templates**

* **Get (get all templates from db)**
* Request - <http://crmbetb.azurewebsites.net/api/Templates>

You’ll get ids and names of templates existing in db

* Response

## 

## 1 Login

**1.1 Post**

Authenticate the user with the system and obtain the auth\_token

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## 2 Contacts

**2.1 Get**

Get all contacts from database

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | http://crmbeta.azurewebsites.net/api/contacts |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | An array of contacts  [  {  "Full Name": "Lusine ",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  "DateInserted": "2017-05-25T13:34:51.9733333"  },  {  "Full Name": "Aram Zhamkochyan",  "Company Name": "Unibank CJSC",  "Position": "Post terminal specialist",  "Country": "Armenia",  "Email": "aram532@yandex.ru",  "GuID": "b3b91410-6c3b-42e3-b90b-c0ef9298be58",  "DateInserted": "2017-05-25T13:40:48.2866667"  },  {  "Full Name": "Vanik Hakobyan",  "Company Name": "YSU",  "Position": "Student",  "Country": "Armenia",  "Email": "vanhakobyan1996@gmail.com",  "GuID": "63ac109b-aa94-4bbe-a37e-bca4219114a3",  "DateInserted": "2017-05-25T13:42:37.4433333"  }  ] |

**2.2 Get**

Get specific contact by GuId

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | http://crmbeta.azurewebsites.net/api/contacts |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **Type** | **Param name** | **Values** |
| URL\_PARAM | guid | dab7e4fb-171f-4e65-8a5a-7640fb113fe5 |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | Full contact and array of email list of that contact  {  "Full Name": "Tsovinar Ghazaryan",  "Company Name": "VTB Bank",  "Position": "Credit Controller",  "Country": "Armenia",  "Email": "tsovinar.ghazaryan@yahoo.com",  "GuID": "dab7e4fb-171f-4e65-8a5a-7640fb113fe5",  "DateInserted": "2017-05-25T13:36:51.6466667",  "EmailLists": {  "1": "All",  "2": "VIP Partners",  "3": "Armenian Partners"  }  } |

**2.3 Put**

Updates specific contact by GuId. Specify in http body the fields you would like to change (note that “FullName” and “Email” are mandatory)

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Put | http://crmbeta.azurewebsites.net/api/contacts/{guid} |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | ContactRequestModel | {  "Full Name": "Tigran Vardanyan",  "Company Name": "Candle YSU",  "Position": "Scientific Researcher",  "Country": "Armenia",  "Email": "tigran\_vardanyan@yahoo.com",  } |
| URL | Guid | dab7e4fb-171f-4e65-8a5a-7640fb113fe5 |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 OK | ContactResponseModel | Full contact and array of email list of that contact  {  "Full Name": "Vanik Hakobyan",  "Company Name": "YSU",  "Position": "Student",  "Country": "Armenia",  "Email": "vanhakobyan1996@gmail.com",  "GuID": "63ac109b-aa94-4bbe-a37e-bca4219114a3",  "DateInserted": "2017-05-25T13:42:37.4433333"  "EmailLists": {  "All",  "VIP Partners",  "Armenian Partners"  }  } |

**2.4 Post**

Adds new contact to database. Add in body a json object with “Full Name”, “Company Name”,”Position”,”Country”,”Email” (note that “Full Name” and “Email” are mandatory)

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Post | http://crmbeta.azurewebsites.net/api/contacts |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | ContactRequestModel | {  "Full Name": "Khachatur Sukiasyan",  "Company Name": "Microsoft",  "Position": "Freelancer",  "Country": "Armenia",  "Email": "test456@yahoo.com",  } |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 OK | ContactResponseModel | Full contact and array of email list of that contact  {  "Full Name": "Vanik Hakobyan",  "Company Name": "YSU",  "Position": "Student",  "Country": "Armenia",  "Email": "vanhakobyan1996@gmail.com",  "GuID": "63ac109b-aa94-4bbe-a37e-bca4219114a3",  "DateInserted": "2017-05-25T13:42:37.4433333"  "EmailLists": {  "All",  "VIP Partners",  "Armenian Partners"  }  } |

**2.5 Post**

Uploads contacts from Excel or CSV file to database. If there is a wrong data in the file, uploading will not be performed. The document must have columns with names FullName, CompanyName, Position, Country and Email. Keeping the order of names is not necessary.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Post | http://crmbeta.azurewebsites.net/api/contacts/upload |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | Excel or CSV file | {  "Full Name": "Tigran Vardanyan",  "Company Name": "Candle YSU",  "Position": "Scientific Researcher",  "Country": "Armenia",  "Email": "tigran\_vardanyan@yahoo.com",  } |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 OK | ContactResponseModel | An array of contacts, which have been added to database.  [{  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  "DateInserted": "2017-05-25T13:34:51.9733333"  },  {  "Full Name": "Aram Zhamkochyan",  "Company Name": "Unibank CJSC",  "Position": "Post terminal specialist",  "Country": "Armenia",  "Email": "aram532@yandex.ru",  "GuID": "b3b91410-6c3b-42e3-b90b-c0ef9298be58",  "DateInserted": "2017-05-25T13:40:48.2866667"  }] |

**2.6 Post**

**2.7 Delete**

**Request**

Deletes all contacts, which match the sent array of Guids.

|  |  |
| --- | --- |
| **Method** | **URL** |
| Delete | http://crmbeta.azurewebsites.net/api/contacts |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | List < Guid > | [  "b3b91410-6c3b-42e3-b90b-c0ef9298be58",  "63ac109b-aa94-4bbe-a37e-bca4219114a3"  ] |

**Response**

|  |
| --- |
| **Status** |
| 200 OK |

## 3 Email lists

**3.1 Get (All)**

Returns an array of all email lists. Returned values match EmailListResponseModel class.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | http://crmbeta.azurewebsites.net/api/EmailLists |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | List < EmailListResponseModel > | [  {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts":  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }  },  {  "EmailListId": 2,  "EmailListName": "Team A",  "Contacts":  {  "Full Name": "Van Hakobyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "vanhakobyan1996@gmail.com",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }  }  ] |

**3.2 Get (By Id)**

Returns email list whose id is the incoming parameter. Returned value matches EmailListResponseModel class.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | [http://crmbeta.azurewebsites.net/api/EmailLists/{id}](http://crmbeta.azurewebsites.net/api/EmailLists/%7bid%7d)  where id is a number |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | EmailListResponseModel | {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts":  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }, …  } |

**3.3 Put (Adding Contacts)**

Adds existing contacts to an existing EmailList. The contacts are determined by incoming Guids.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Put | [http://crmbeta.azurewebsites.net/api/EmailLists/add/{id}](http://crmbeta.azurewebsites.net/api/EmailLists/add/%7bid%7d)  where id is a number |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | List of Guids | [  "b3b91410-6c3b-42e3-b90b-c0ef9298be58",  "63ac109b-aa94-4bbe-a37e-bca4219114a3"  ] |
| URL | int | 4 |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | EmailListResponseModel | {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts": [  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }, … ]  } |

**3.4 Put (Deleting contacts)**

Deletes existing contacts to an existing EmailList. The contacts are determined by incoming Guids.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Put | [http://crmbeta.azurewebsites.net/api/EmailLists/remove/{id}](http://crmbeta.azurewebsites.net/api/EmailLists/remove/%7bid%7d)  where id is a number |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | List of Guids | [  "b3b91410-6c3b-42e3-b90b-c0ef9298be58",  "63ac109b-aa94-4bbe-a37e-bca4219114a3"  , …  ] |
| URL | int | 4 |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | EmailListResponseModel | {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts": [  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }, … ]  } |

**3.4 Post**

Adds new EmailList. This function allowsincluding existing contacts to the new creating EmailList. The contacts are determined by passed Guids of them.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Post | http://crmbeta.azurewebsites.net/api/EmailLists |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | EmailListRequestModel | {  "EmailListName" : “Team A”,  “Contacts”:  [  "63ac109b-aa94-4bbe-a37e-bca4219114a3"  "b3e48661-7979-440d-bf33-c8da8ed2cb62" , …  ]  }  The EmailList to add |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | EmailListResponseModel | {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts": [  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }, … ]  }  The added EmailList |

**3.5 Delete**

Deletes EmailList determined by incoming id. The contacts, which match to the deleting EmailList, will not be deleted.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Delete | [http://crmbeta.azurewebsites.net/api/EmailLists/{id}](http://crmbeta.azurewebsites.net/api/EmailLists/%7bid%7d)  where id is a number |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type** | **Value** |
| BODY | EmailListRequestModel | {  "EmailListName" : “Team A”,  “Contacts”:  [  "63ac109b-aa94-4bbe-a37e-bca4219114a3"  "b3e48661-7979-440d-bf33-c8da8ed2cb62" , …  ]  }  The EmailList to delete |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Value** |
| 200 OK | EmailListResponseModel | {  "EmailListId": 1,  "EmailListName": "Team C",  "Contacts": [  {  "Full Name": "Lusine Hovsepyan",  "Company Name": "SCDM GmbH",  "Position": "Financial Analyst",  "Country": "Armenia",  "Email": "lusine@hovsepyan.am",  "GuID": "b3e48661-7979-440d-bf33-c8da8ed2cb62",  }, … ]  }  The deleted EmailList |

## 4 Send Email

**4.1 Post (Send Email to selected contact)**

Gets list of **guid**s of contacts from request **body**, and **template id** from **URL string**, and sends template emails to those contacts.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Post | http://crmbeta.azurewebsites.net/api/EmailSender/5 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Param name** | **Values** |
| URL\_PARAM | template | number |
| Post\_Body\_Param | Array of Guids | [  "b3e48661-7979-440d-bf33-c8da8ed2cb62,  "dab7e4fb-171f-4e65-8a5a-7640fb113fe5", "e621e4c4-5d33-48de-8b36-2596066e4617",  "B3b91410-6c3b-42e3-b90b-c0ef9298be58"  ] |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 |  |

**4.2 Post**

Gets **id** **of EmailList** and **template id** from **URL string**, and sends template emails to all contacts of EmailList.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Post | [http://crmbeta.azurewebsites.net/api/EmailSender/{EmailListId}/{TemplateId}](http://crmbeta.azurewebsites.net/api/EmailSender/%7bEmailListId%7d/%7bTemplateId%7d)  where EmailListId and TemplateId are numbers |

**Parameters**

|  |  |  |
| --- | --- | --- |
| **From** | **Type and Name** | **Value** |
| URL | int emailListId | 3 |
| URL | int templateId | 2 |

**Response**

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 |  |

## 5 Email Templates

**3.1 Get**

Gets all email templates’ Ids and Names stored in database. These properties are included in TemplateResponseModel.

**Request**

|  |  |
| --- | --- |
| **Method** | **URL** |
| Get | <http://crmbeta.azurewebsites.net/api/Templates> |

**Response**

|  |  |  |
| --- | --- | --- |
| **Status** | **Type** | **Response** |
| 200 | TemplateResponseModel | {  “Id” : 1  “TemplateName” : “Birthday”  } |