

DocMonk Api v0

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www.docmonk.com/api



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Chapter 1. Introduction to the DocMonk API

Welcome!

Thank you for your interest in the DocMonk API. We are excited to make this available to you and we look forward to seeing the innovative ways our customers use this resource.

Overview

This resource is for developers who will be interacting directly with DocMonk through our query-based web API. If you haven't done so already, you should check to see if a library for your programming language has been created. A library will allow you to skip much of the material in this manual and interact with the API more easily. For instance, each operation sent to the API must be signed, but the details on how to do that will be implemented in the library for your programming language if it's available. There's no reason to reinvent the wheel. Currently, there is a library available for the PHP language. If you are using a different language and write your own library, please let us know. We'll gladly publish your work on our website, crediting you.

Getting Help

At some point we'll work out how to get help via discussion group or other mechanism. In the meantime, please email us at support@docmonk.com

Chapter 2. DocMonk API Basics

Things You Need to get Started

All you really need to get started using the DocMonk API is a DocMonk account and a PDF file to send. The DocMonk API currently does not allow you to actually add new original PDF documents to DocMonk. You can only use the API to send out personalized copies of your PDFs to your recipients. You will need to have your documents uploaded to DocMonk before you begin using the API.

You also need your API Key and Secret Key in order to authenticate your API requests. These keys are available from the "My Account" section of the site. You can also discard and get a new Secret Key at the website anytime. You will want to do this if you ever think your Secret Key may have been compromised.

Anatomy of a DocMonk API Operation

DocMonk API requests are made over the web. Parameters are sent via POST over the web to the API address (<http://api.docmonk.com>). The response is sent back in XML text.

There are several parameters that are included with every request. They are described here:

ParameterName	Description
Action	The Action is the name of the operation that is being executed. Examples are PDFOriginalGet and RecipientGroupSearch .
DMAccessKeyId	This is the your API Key. It identifies which user is making the request.
SignatureVersion	This indicates which version of the signing method was used. Currently, the only valid value is 0 (zero).
SignatureMethod	This indicates which encryption method was used to generate the signature. Currently, the only valid value is HmacSHA256.
Signature	This is the signature that is used to authenticate the request. The signature is generated by taking all of the parameters of the request and signing them using a specific signing routine (described below). Any command sent without a correct signature will fail.
TimeStamp	This is the UTC time of the request. Time must be formatted as follows yyyy-mm-ddThh:mm:ss.000Z

Operation Signatures

The following steps define the technique that is used to sign requests.

- Start with all of the parameters that are part of the request. This includes the required parameters but excludes the Signature which will be appended after it is generated. They should be sorted by the parameter names using a binary-safe string comparison (which is case sensitive).
- Create a single string by concatenating the keys and values. The key and value should be separated by an equal sign "=" and the pairs should be separated by an ampersand: "&". The values should be URL encoded, but you should not URL encode any tilda "~" characters.
- Using the SHA-256 algorithm to generate a signature for the concatenated string using the Secret Key on the account and then Base64 encode the result.
- Append the resulting signature to the list of parameters that are sent as parameter name Signature and the value being the value generated.

- Below is some sample PHP code showing how to create the signature:

```
<?php
    $secretKey = 'TheSecretKey';

    $parameters = array(
        'DataFormatId' => '35'
        'Action' => 'DataFormatMemberSearch'
        'DMAccessKeyId' => 'NHZQYVTD3J6AHETBEQX1'
        'Timestamp' => '2009-08-26T20:26:30.000Z'
        'SignatureVersion' => '0'
        'SignatureMethod' => 'HmacSHA256'
    )

    //Sort the $parameters by keys.
    uksort($parameters, 'strcmp');

    //create the "String to Sign"
    $queryParameters = array();
    foreach ($parameters as $key => $value)
    {
        $queryParameters[] = $key . '=' . str_replace('%7E', '~', rawurlencode($value));
    }

    $stringToSign = implode('&', $queryParameters);

    //Sign the string to sign to create the signature
    $signature = base64_encode(hash_hmac('sha256', $stringToSign, $secretKey, true));

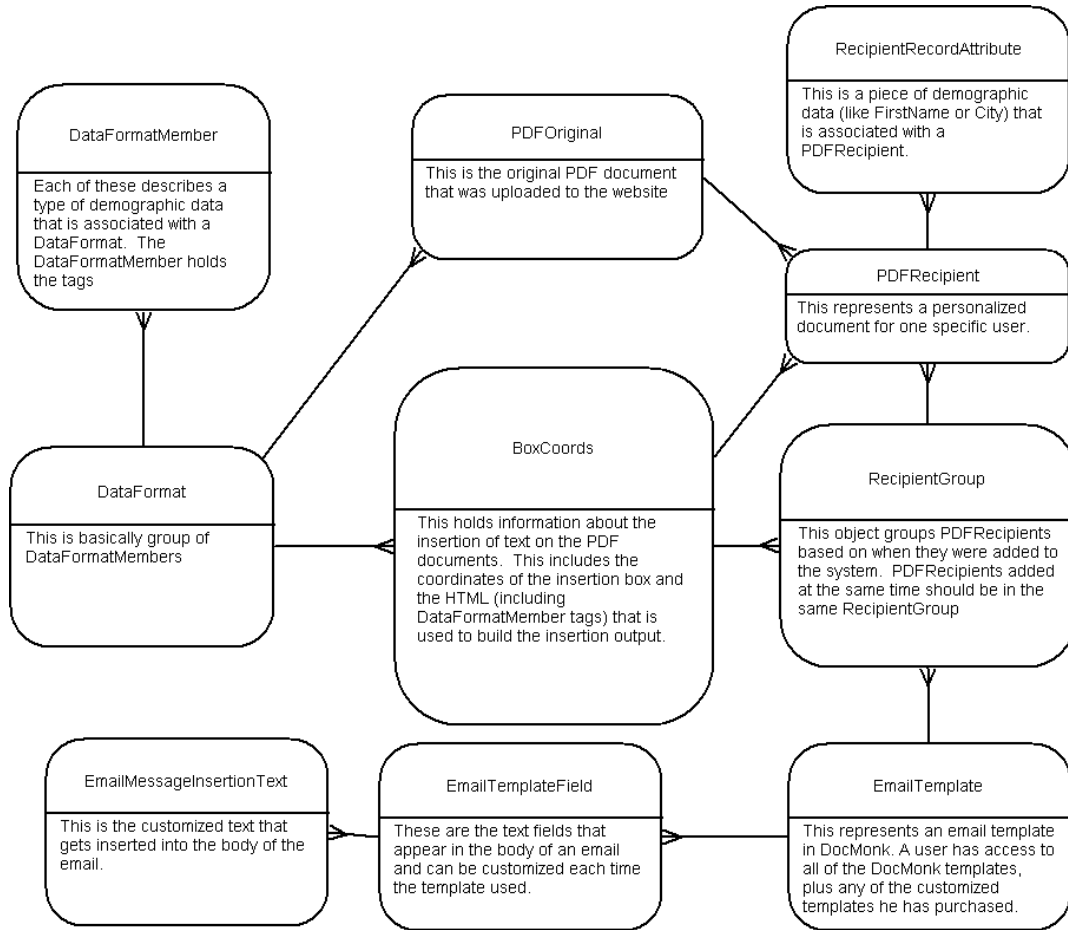
    //Add the Signature as an additional parameter.
    $parameters['Signature'] = $signature;

    //Now the $parameters can be converted to a querystring for sending to the API
    $queryString = http_build_query($params);

?>
```

How DocMonk Builds Personalized Documents

Some aspects about how DocMonk does its work are hidden from web-interface users, but are important for API developers to understand. What follows is a narrative description of the processes that DocMonk uses to do its work.



The first step happens when a user uploads a new PDF document to DocMonk. This document is represented by a PDFOriginal object. Next, the user decides on what personalization information about recipients will be printed on the document. For example, a user may decide that he wants to put the user's FirstName, LastName and email address on a document. That list of fields is represented by a DataFormat object, and the included fields are represented by DataFormatMember objects. Then the user decides where on the PDF page he wants to place the personalization. He does this by placing and resizing a rectangle on the page. The resulting coordinates of the rectangle are represented by a BoxCoords object. Additionally, the text of the insertion (with the DataFormatMember fields represented by tags) and the html to the fonts and colors are a part of the BoxCoords object.

Then the user proceeds to add recipients, which are represented by PDFRecipient objects. First, a RecipientGroup object is created. The RecipientGroup is used only to indicate which users were added at one particular time. A PDFOriginal object may have one or many RecipientGroup objects, because any time that new PDFRecipients are added, they are added to a new RecipientGroup. After the RecipientGroup is created, the user creates a PDFRecipient object for each recipient. Additionally, RecipientRecordAttribute objects are added for each PDFRecipient. Each RecipientRecordAttribute must correspond to a DataFormatMember for the DataFormat is being used. For instance, if the DataFormat contains DataFormatMembers for FirstName, LastName and EmailAddress, then, each PDFRecipient should contain RecipientRecordAttribute objects that contain the actual FirstName, LastName and EmailAddress of the PDFRecipient.

Once the PDFRecipients objects and their corresponding RecipientRecordAttribute are created, the personalized PDF documents get created and uploaded to Amazon S3. At pretty much the same time, the user can configure the email that will send the links to the recipients. First, the user chooses an EmailTemplate from the system. The EmailTemplate has zero or more EmailTemplateFields which correspond to customizable text in the body of the email. The EmailTemplateFields have default values, which may be used, or the user may enter whatever text he wants. Setting the text for the

EmailTemplateField objects creates EmailMessageInsertionText objects, which actually hold the final text to be used for the email.

At this point, everything is ready to go. If the user is sending email to the recipients through DocMonk, a simple method is called to trigger that email and complete the job. Otherwise, the user can download his recipients in a file, with the urls to the personalized documents appended. That completes the process.

How to Handle Paged Result Sets

Some operations may produce result sets that are too long to handle practically. For these operations, the DocMonk API provides a mechanism for paging through the results. The information in this section applies to the following operations:

Name
BoxCoordsSearch
DataFormatMemberSearch
EmailMessageInsertionTextSearch
EmailTemplateFieldSearch
EmailTemplateSearch
PDFOriginalSearch
PDFRecipientSearch
RecipientGroupSearch
RecipientRecordAttributeSearch

For operations that support paged result sets, if you do not specify a page number with your request, you will receive back the first page of results. When you omit the page number, the responseMetaData node of the returned XML will look like the following.

```
<responseMetaData>
  <totalPages>1</totalPages>
  <totalRecords>85</totalRecords>
  <currentPage>1</currentPage>
</responseMetaData>
```

The totalPages value tells you how many pages of results you can request with the current search parameters. The totalRecords value tells you how many records there are total. The currentPage value tells you the current page of results returned. All paged record sets return 200 records per page.

Chapter 3. API Data Type Reference

BoxCoords

The BoxCoords data type. BoxCoords indicates the location on the page that the insertion text will be placed by defining the coordinates of the lower-left and upper-right corners of the rectangle. In addition, it also holds the HTML that is used by DocMonk to create the insertion text as well as the color or transparency of the box itself.



Warning

"BoxCoords" is the name of a single object, not a collection of objects despite the plural grammar of its name.

Relevant Operations

[BoxCoordsGet](#)

[BoxCoordsSearch](#)

Contents

Name	Description
id	The BoxCoords id
ownerId	The owner id
DataFormatId	The id of the DataFormat object that this BoxCoords belongs to
LowerLeftX	The X axis value of the lower left corner of the box
LowerLeftY	The Y axis value of the lower left corner of the box
UpperRightX	The X axis value of the upper right corner of the box
UpperRightY	The Y axis value of the upper right corner of the box
Html	The HTML used to describe the text, styling and insertion tags for the box
BoxColor	The background color of the box in Hexidecimal format. The value for a transparent box is "Transparent"

DataFormatMember

The DataFormatMember data type describes a specific type of demographic data that may be associated with a DataFormat.

Relevant Operations

[DataFormatMemberGet](#)

[DataFormatMemberSearch](#)

Contents

Name	Description
id	The DataFormatMember id
ownerId	The owner id
recipientDataDescriptionId	An optional reference to a RecipientDataDescription, which gives additional information about the DataFormatMember

Name	Description
tag	This is the string that is used in HTML to indicate where demographic data should be inserted. It is always surrounded by curly braces.
sortOrder	When the DataFormatMembers are displayed to users (for instance in an HTML form), this indicates the order in which they should be shown.

EmailMessageInsertionText

The EmailMessageInsertionText data type. It holds the actual text content that will be inserted into email messages.

Relevant Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

Contents

Name	Description
id	The EmailMessageInsertionText id
ownerId	The owner id
recipientGroupId	The id of the RecipientGroup object that this EmailMessageInsertionText belongs to
emailTemplateFieldId	The id of the EmailTemplateField associated with this EmailMessageInsertionText.
text	The text that is inserted into the email message.

EmailTemplate

The EmailTemplate data type.

Relevant Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

Contents

Name	Description
id	The EmailTemplate id
name	The EmailTemplate name

Name	Description
defaultSubjectLine	This is the default email subject line when using this EmailTemplate. When sending email, you can use your own subject line or accept the default.
text	The text version of the email template
html	The html version of the email template
global	This is a flag that indicates whether the EmailTemplate is globally available to all users (true) or is a custom template available only to one user (false).

EmailTemplateField

The EmailTemplateField data type.

Relevant Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

Contents

Name	Description
id	The EmailTemplateField id
name	This is the display name of this EmailTemplateField. This value can be used as label in html forms.
sortOrder	When displaying the group of EmailTemplateFields in an html form, this value determines the sort order.
tag	The tag name that will be included in the template where the fields value will be inserted
defaultValue	A default value which can be set to let the user avoid entering the same text every time the template is used
emailTemplateId	The EmailTemplate that this EmailTemplateField belongs to

PDFOriginal

The PDFOriginal data type. A PDFOriginal represents an uploaded PDF document. The object contains numerous pieces of metadata about the document as well as a number of aggregated reporting metrics.

Relevant Operations

[PDFOriginalGet](#)
[PDFOriginalSearch](#)

Contents

Name	Description
id	The PDFOriginal id

Name	Description
ownerId	The owner id
dataFormatId	The id of the associated DataFormat object
fileName	This is the file name of the PDF file (e.g. filename.pdf).
descriptiveName	This is an optional descriptive name of the file (i.e. January 2009 Newsletter).
dateUploaded	The date the file was added to DocMonk
numPages	This is the number of pages in the document.
pageWidth	This is the width of the page in points
pageHeight	This is the height of the page in points
expirationDate	This is the default expiration date for recipients of this document. On the web interface, if a date is present here, it is the default expiration date for any new recipients that are added.
maxDownloads	This is the default maximum number of downloads allowed for recipients of this document. On the web interface, if a number is present here, it is the default max downloads for any new recipients that are added.
numDownloadAttempts	This is the aggregate number of times that recipients attempted to download a document.
numSuccessfulDownloads	This is the aggregate number of times that recipients successfully downloaded a document.
numRejectionsExpired	This is the aggregate number of times that recipients had a download rejected because their access was expired.
numRejectionsMaxed	This is the aggregate number of times that recipients had a download rejected because they exceeded the permitted number of downloads.
numDistinctIPAddresses	This is the number of distinct IP addresses that have attempted to download the document.
numRecipients	This is the number of personalized documents that have been generated.
numRecipientsZeroAttempts	This is the number of recipients who have had a document generated, but have not downloaded it yet.
numRecipientsWithFailures	This is the aggregate number of recipients who experienced a rejected download.

PDFRecipient

The PDFRecipient data type. A PDFRecipient is a record representing a particular recipient of a personalized version of a specified PDFOriginal object. Actual people or email addresses may be duplicated if the file is sent to the individual more than once. PDFRecipient objects are PDFOriginal-specific.

Relevant Operations

[PDFRecipientBatchCreate](#)

[PDFRecipientCreate](#)

[PDFRecipientSearch](#)

Contents

Name	Description
id	The PDFRecipient id
ownerId	The owner id

Name	Description
pdfOriginalId	The PDFOriginal id
boxCoordsId	The BoxCoords id
recipientGroupId	The RecipientGroup id
skinId	The skin id
demographicFileLineNumber	If the PDFRecipient object was imported from a demographic upload file, this is the line number from that file.
emailAddress	The email address of the recipient
s3Key	The Amazon S3 key of the personalized document belonging to this PDFRecipient
accessId	The unique string that is used to access the recipient's document. This is the string that appears in the url (i.e. http://www.docmonk.com/zjke1u0q mz6v/-zjke1u0q mz6v is the accessId).
expirationDate	The expiration date after which access to the recipient's document stops working
maxDownloads	The maximum number of downloads that are allowed
numAttempts	This is the number of times that this recipient attempted to download the document (includes both successful and failed attempts).
numSuccess	The number of times the document was successfully downloaded
numRejectsExpired	The number of times that a download was rejected because the access was expired
numRejectsMaxed	The number of times that a download was rejected because the recipient has exceeded the maxDownloads setting
numRejectsTotal	The total number of times that a download was rejected
emailResult	The result from the email that was sent to the recipient.
RecipientRecordAttributeCollection	A list of RecipientRecordAttribute items that belong to this PDFRecipient

RecipientGroup

The RecipientGroup data type. Each Recipient belongs to exactly one PDFRecipient group. The purpose of the RecipientGroup is to indicate which PDFRecipients were added at the same time.

Relevant Operations

[RecipientGroupCreate](#)

[RecipientGroupGet](#)

[RecipientGroupSearch](#)

[RecipientGroupSendEmail](#)

Contents

Name	Description
id	The RecipientGroup id
ownerId	The owner id
boxCoordsId	The BoxCoords id
mailChimpCampaignId	The id of the MailChimp (email) campaign associated with the RecipientGroup
mailChimpLastReport	The date that the email reporting was last refreshed

Name	Description
emailTemplateId	If this RecipientGroup is configured to send email, this is the EmailTemplate id that was used. Zero indicates that no EmailTemplate is configured.
emailSubjectLine	If this RecipientGroup is configured to send email, this is the subject line of the email message.
dateCreated	The date that the RecipientGroup was created

RecipientRecordAttribute

The RecipientRecordAttribute data type. A RecipientRecordAttribute represents a piece of demographic data about a [PDFRecipient](#).

Relevant Operations

[PDFRecipientBatchCreate](#)

[PDFRecipientCreate](#)

[RecipientRecordAttributeGet](#)

[RecipientRecordAttributeSearch](#)

Contents

Name	Description
id	The RecipientRecordAttribute id
ownerId	The owner id
PdfRecipientId	The id of the PDFRecipient that this RecipientRecordAttribute belongs to
DataFormatMemberId	The id of the DataFormatMember that this RecipientRecordAttribute belongs to
TextValue	The value of the RecipientRecordAttribute

Chapter 4. API Command Reference

BoxCoordsGet

The BoxCoordsGet operation returns a single [BoxCoords](#) object.

Request Parameters

Name	Description	Required
BoxCoordsId	A BoxCoords id	Yes

Response Elements

Name	Description
BoxCoords	A BoxCoords object

Sample Request

```
BoxCoordsId=33
&Action=BoxCoordsGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-29T17%3A42%3A11.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=C8nts%2BeaJREaflIPNxllI6JhhHKMgCiaPyG6PTftQb8%3D
```

Sample Response

```
<BoxCoords>
  <id>33</id>
  <ownerId>21</ownerId>
  <dataFormatId>35</dataFormatId>
  <lowerLeftX>218</lowerLeftX>
  <lowerLeftY>0</lowerLeftY>
  <upperRightX>468</upperRightX>
  <upperRightY>24</upperRightY>
  <boxColor>transparent</boxColor>
</BoxCoords>
```

Related Operations

[BoxCoordsSearch](#)

BoxCoordsSearch

The BoxCoordsSearch operation queries for [BoxCoords](#) objects. If the DataFormatId parameter is omitted, the operation returns all of the [BoxCoords](#) objects that belong to the user.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
DataFormatId	A DataFormat id	No
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
BoxCoordsCollection	A list of BoxCoords objects

Sample Request

```
Action=BoxCoordsSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-29T17%3A57%3A06.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=Rg4fEcpKuYFYJ9Cn4uWYza2iRQfgObfZaCMuo3%2B%2Bu5I%3D
```

Sample Response

```
<BoxCoordsCollection>
  <BoxCoords>
    <id>1</id>
    <ownerId>21</ownerId>
    <dataFormatId>2</dataFormatId>
    <lowerLeftX>327</lowerLeftX>
    <lowerLeftY>0</lowerLeftY>
    <upperRightX>600</upperRightX>
    <upperRightY>49</upperRightY>
    <boxColor>transparent</boxColor>
  </BoxCoords>
  <BoxCoords>
    <id>2</id>
    <ownerId>21</ownerId>
    <dataFormatId>4</dataFormatId>
    <lowerLeftX>513</lowerLeftX>
    <lowerLeftY>0</lowerLeftY>
    <upperRightX>792</upperRightX>
    <upperRightY>53</upperRightY>
    <boxColor>transparent</boxColor>
  </BoxCoords>
  . . .
</BoxCoordsCollection>
```

Related Operations

[BoxCoordsGet](#)

CreditCheckBalance

The CreditCheckBalance returns your credit balance. Use this operation to make sure you have enough credits to complete any jobs you are about to do.

Request Parameters

Name	Description	Required
None		

Response Elements

Name	Description
DocCreditCount	The current number of available credits.

Sample Request

```
Action=CreditCheckBalance
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-31T15%3A40%3A26.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=%2BkmZCMA0qXsy8juRjmegfOx9mUYUqrq4UOMzwteviUo%3DArray
```

Sample Response

```
<CreditCheckBalanceResponse>
  <DocCreditCount>3934</DocCreditCount>
</CreditCheckBalanceResponse>
```

Related Operations

None

DataFormatMemberGet

The DataFormatMemberGet operation returns a single [DataFormatMember](#) object.

Request Parameters

Name	Description	Required
DataFormatMemberId	A DataFormatMember id	Yes

Response Elements

Name	Description
DataFormatMember	A DataFormatMember object

Sample Request

```
DataFormatMemberId=182
&Action=DataFormatMemberGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-29T18%3A17%3A05.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=ZT5fZFmOSgBcaSIFOutgrxb80sJKtLvWCNzKypoLS3o%3D
```

Sample Response

```
<DataFormatMember>
  <id>182</id>
  <ownerId>21</ownerId>
  <dataFormatId>35</dataFormatId>
  <recipientDataDescriptionId>0</recipientDataDescriptionId>
  <tag>{FirstName}</tag>
  <sortOrder>2</sortOrder>
</DataFormatMember>
```

Related Operations

[DataFormatMemberSearch](#)

DataFormatMemberSearch

The DataFormatMemberSearch finds matching [DataFormatMember](#) objects.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
DataFormatId	The DataFormat id	No
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
DataFormatMemberCollection	A list of DataFormatMember objects.

Sample Request

```
DataFormatId=35
&Action=DataFormatMemberSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-29T18%3A54%3A08.000Z
&SignatureVersion=0
```

```
&SignatureMethod=HmacSHA256
&Signature=Ehi3%2FSL76XDONocNWITCo5hzyusgUxiPlg%2FuFYUvB%2Fo%3D
```

Sample Response

```
<DataFormatMemberCollection>
  <DataFormatMember>
    <id>181</id>
    <ownerId>21</ownerId>
    <dataFormatId>35</dataFormatId>
    <recipientDataDescriptionId>1</recipientDataDescriptionId>
    <tag>{EmailAddress}</tag>
    <sortOrder>1</sortOrder>
  </DataFormatMember>
  <DataFormatMember>
    <id>182</id>
    <ownerId>21</ownerId>
    <dataFormatId>35</dataFormatId>
    <recipientDataDescriptionId>0</recipientDataDescriptionId>
    <tag>{FirstName}</tag>
    <sortOrder>2</sortOrder>
  </DataFormatMember>
  . . .
</DataFormatMemberCollection>
```

Related Operations

[DataFormatMemberGet](#)

EmailMessageInsertionTextGet

The EmailMessageInsertionTextGet operation returns a single [EmailMessageInsertionText](#) object.

Request Parameters

Name	Description	Required
EmailMessageInsertionTextId	EmailMessageInsertionText id	Yes

Response Elements

Name	Description
EmailMessageInsertionText	EmailMessageInsertionText object

Sample Request

```
EmailMessageInsertionTextId=20
&Action=EmailMessageInsertionTextGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-29T14%3A47%3A37.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=FX9Dh1xFPgIz3Z41J%2FcAHS10jHK%2Bt3zDV0mHcLI2Ks4%3D
```

Sample Response

```
<EmailMessageInsertionText>
  <id>20</id>
  <ownerId>21</ownerId>
  <recipientGroupId>240</recipientGroupId>
  <emailTemplateFieldId>1</emailTemplateFieldId>
  <text>This is our totally customized PARA1</text>
</EmailMessageInsertionText>
```

Related Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

EmailMessageInsertionTextSearch

The EmailMessageInsertionTextSearch operation finds matching [EmailMessageInsertionText](#) objects.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
RecipientGroupId	A RecipientGroup id	Yes
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
EmailMessageInsertionText	A list of EmailMessageInsertionText objects

Sample Request

```
RecipientGroupId=240
&Action=EmailMessageInsertionTextSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-29T14%3A23%3A52.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=AiwnZzpcQRTVRKaDJu%2FEvi4Bvh49IYIUzd0ZCYuY%2FJg%3D
```

Sample Response

```

<EmailMessageInsertionTextCollection>
  <EmailMessageInsertionText>
    <id>20</id>
    <ownerId>21</ownerId>
    <recipientGroupId>240</recipientGroupId>
    <emailTemplateFieldId>1</emailTemplateFieldId>
    <text>This is our totally customized PARA1</text>
  </EmailMessageInsertionText>
</EmailMessageInsertionTextCollection>

```

Related Operations

[EmailMessageInsertionTextGet](#)

[EmailTemplateFieldGet](#)

[EmailTemplateFieldSearch](#)

[EmailTemplateGet](#)

[EmailTemplateSearch](#)

[RecipientGroupConfigureEmail](#)

EmailTemplateFieldGet

The EmailTemplateFieldGet operation

Request Parameters

Name	Description	Required
EmailTemplateFieldId	An EmailTemplateField id	Yes

Response Elements

Name	Description
EmailTemplateField	An EmailTemplateField object

Sample Request

```

EmailTemplateFieldId=1
&Action=EmailTemplateFieldGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-24T19%3A05%3A51.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=QwlLALs%2F7zHn%2BKWQ79zFS3eiiAwn4012z1%2B9GTu8Ew%3D

```

Sample Response

```

<EmailTemplateField>
  <id>1</id>
  <ownerId>21</ownerId>
  <name>Message</name>
  <sortOrder>1</sortOrder>
  <tag>PARA1</tag>
  <defaultValue>Here is the most recent copy of the %|CompanyName|% newsletter.</defaultValue>

```

```
<emailTemplateId>1</emailTemplateId>
</EmailTemplateField>
```

Related Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

EmailTemplateFieldSearch

The EmailTemplateFieldSearch operation.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
EmailTemplateId	An EmailTemplate id	Yes
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
EmailTemplateFieldCollection	A list of EmailTemplateField objects

Sample Request

```
EmailTemplateId=1
&Action=EmailTemplateFieldSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-24T19%3A12%3A40.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=qLZMUfaT3cld8lGkoYIo%2B%2B12Y%2FNWadJWtu0aPYIrFQc%3D
```

Sample Response

```
<EmailTemplateFieldCollection>
  <EmailTemplateField>
    <id>1</id>
    <ownerId>21</ownerId>
    <name>Message</name>
    <sortOrder>1</sortOrder>
    <tag>PARA1</tag>
```

```

        <defaultValue>Here is the most recent copy of the %|CompanyName|% newsletter.</defaultSubjectLine>
        <emailTemplateId>1</emailTemplateId>
    </EmailTemplateField>
</EmailTemplateFieldCollection>

```

Related Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupConfigureEmail](#)

EmailTemplateGet

The EmailTemplateGet operation

Request Parameters

Name	Description	Required
EmailTemplateId	An EmailTemplate id	Yes

Response Elements

Name	Description
EmailTemplate	An EmailTemplate object

Sample Request

```

EmailTemplateId=1
&Action=EmailTemplateGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-24T18%3A33%3A14.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=XQGKzGTfP7AKtYqOfIn6T8T%2BZ3jarwtjfSy76dAeN%2Fo%3D

```

Sample Response

```

<EmailTemplate>
  <id>1</id>
  <ownerId>21</ownerId>
  <name>DealersEdge</name>
  <defaultSubjectLine>Here is the Latest Newsletter from %|CompanyName|%</defaultSubjectLine>
  <text>~|PARA1|~_*|PUBNAME|*_ uses DocMonk to distribute PDF documents. *_|PUBNAME|*_ h
    you *_|DOCNAME|*_ . You can download this document by using the link below. ... </text>
  <html>&lt;/html>&gt; &lt;/html>&gt; &lt;/head>&gt; &lt;/meta
    http-equiv=&quot;Content-Type&quot; content=&quot;text/html;
    charset=utf-8&quot;&gt; &lt;/style
    type=&quot;text/css&quot;&gt;&lt;/body .container{background-color:#ffffff;}.headerContaine
    New;font-weight:normal;text-align:left;}.mainContainer{padding:10px;background-color:
    New;line-height:150%;font-weight:normal;} .mainText

```

```

        .title{font-size:20px;font-weight:bold;color:#ff0000;font-family:Courier
New;line-height:110%;}.mainText
        .subTitle{font-size:16px;font-weight:normal;color:#666666;font-family:Courier
New;font-style:italic;}.footerContainer{padding:10px;border-top:0px none
#999999;width:600px;}.footerText{font-size:12px;font-family:Courier
New;line-height:100%;text-align:left;font-weight:normal;}a,a:link,a:visited{color:#
a{color:#0000ff;text-decoration:underline;font-weight:normal;}.footerText
a{color:#0000ff;text-decoration:underline;font-weight:normal;}body,.container{backg
<body leftmargin=&quot;0&quot; marginwidth=&quot;0&quot;
topmargin=&quot;0&quot; marginheight=&quot;0&quot;
offset=&quot;0&quot; id=&quot;richtext&quot;
style=&quot;background-color: #F2F2F2;&quot;&gt; ... </html>
<global>0</global>
</EmailTemplate>

```

Related Operations

[EmailMessageInsertionTextGet](#)

[EmailMessageInsertionTextSearch](#)

[EmailTemplateFieldGet](#)

[EmailTemplateFieldSearch](#)

[EmailTemplateSearch](#)

[RecipientGroupConfigureEmail](#)

EmailTemplateSearch

The EmailTemplateSearch operation.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
EmailTemplateCollection	A list of EmailTemplate objects

Sample Request

```

Action=EmailTemplateSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-24T18%3A47%3A23.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=fZ7uLvGUkkCUjviD2%2Fht6jMgb2wZJ8yuPvOrur7%2Fdz0%3D

```

Sample Response


```

<EmailTemplateCollection>
  <EmailTemplate>
    <id>1</id>
    <ownerId>21</ownerId>
    <name>DealersEdge</name>
    <defaultSubjectLine>Here is the Latest Newsletter from %|CompanyName|%</defaultSubjectLine>
    <text>~|PARA1|~_*|PUBNAME|*_ uses DocMonk to distribute PDF documents. *_|PUBNAME|
      sent you *_|DOCNAME|*_ . You can download this document by using the link below.
      ...</text>
    <html>&lt;html&gt; &lt;head&gt; &lt;meta
      http-equiv=&quot;Content-Type&quot; content=&quot;text/html;
      charset=utf-8&quot;&gt; &lt;style
      type=&quot;text/css&quot;&gt;body,.container{background-color:#ffffff;}.headerC
      New;font-weight:normal;text-align:left;}.mainContainer{padding:10px;background-
      New;line-height:150%;font-weight:normal;}.mainText
      .title{font-size:20px;font-weight:bold;color:#ff0000;font-family:Courier
      New;line-height:110%;}.mainText
      .subTitle{font-size:16px;font-weight:normal;color:#666666;font-family:Courier
      New;font-style:italic;}.footerContainer{padding:10px;border-top:0px none
      #999999;width:600px;}.footerText{font-size:12px;font-family:Courier
      New;line-height:100%;text-align:left;font-weight:normal;}a,a:visited{col
      a{color:#0000ff;text-decoration:underline;font-weight:normal;}.footerText
      a{color:#0000ff;text-decoration:underline;font-weight:normal;}body,.container{b
      &lt;body leftmargin=&quot;0&quot; marginwidth=&quot;0&quot;
      topmargin=&quot;0&quot; marginheight=&quot;0&quot;
      offset=&quot;0&quot; id=&quot;richtext&quot;
      style=&quot;background-color: #F2F2F2;&quot;&gt; &lt;div
      class=&quot;container&quot; style=&quot;background-color:
      #F2F2F2;&quot;&gt; ... </html>
    </global>0</global>
  </EmailTemplate>
  <EmailTemplate>
    <id>2</id>
    <ownerId>0</ownerId>
    <name>DocMonk Default</name>
    <defaultSubjectLine>Here is your latest document from %|CompanyName|%</defaultSubjectLine>
    <text>Here's your Document *_|PUBNAME|*_ uses DocMonk to distribute PDF documents.
      *_|PUBNAME|*_ has sent you *_|DOCNAME|*_ . You can download this document by usi
      link below. ...</text>
    <html>&lt;html&gt; &lt;head&gt; &lt;meta
      http-equiv=&quot;Content-Type&quot; content=&quot;text/html;
      charset=utf-8&quot;&gt; &lt;style
      type=&quot;text/css&quot;&gt;body,.container{background-color:#ffffff;}.headerC
      New;font-weight:normal;text-align:left;}.mainContainer{padding:10px;background-
      New;line-height:150%;font-weight:normal;}.mainText
      .title{font-size:20px;font-weight:bold;color:#CC6600;font-family:Courier
      New;line-height:110%;}.mainText
      .subTitle{font-size:16px;font-weight:normal;color:#666666;font-family:Courier
      New;font-style:italic;}.footerContainer{padding:10px;border-top:0px none
      #999999;width:600px;}.footerText{font-size:12px;font-family:Courier
      New;line-height:100%;text-align:left;font-weight:normal;}a,a:visited{col
      a{color:#0000ff;text-decoration:underline;font-weight:normal;}.footerText
      a{color:#0000ff;text-decoration:underline;font-weight:normal;}body,.container{b
      &lt;body leftmargin=&quot;0&quot; marginwidth=&quot;0&quot;
      topmargin=&quot;0&quot; marginheight=&quot;0&quot;
      offset=&quot;0&quot; id=&quot;richtext&quot;
      style=&quot;background-color: #F2F2F2;&quot;&gt; &lt;div
      class=&quot;container&quot; style=&quot;background-color:
      #F2F2F2;&quot;&gt; ... </html>
  </EmailTemplate>

```

```

    <global>1</global>
  </EmailTemplate>
</EmailTemplateCollection>

```

Related Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[RecipientGroupConfigureEmail](#)

PDFOriginalGet

The PDFOriginalGet operation returns a single [PDFOriginal](#) object.

Request Parameters

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes

Response Elements

Name	Description
PDFOriginal	A PDFOriginal object

Sample Request

```

PDFOriginalId=52
&Action=PDFOriginalGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T11%3A52%3A43.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=66xtjP%2B4qqBN%2FImVblGT6KwK6adY%2FkKRatDKVaxU1Nc%3D

```

Sample Response

```

<PDFOriginal>
  <id>52</id>
  <ownerId>21</ownerId>
  <dataFormatId>35</dataFormatId>
  <fileName>acta-proposal-2007.pdf</fileName>
  <descriptiveName>Anti-Piracy Document</descriptiveName>
  <dateUploaded>1247198400</dateUploaded>
  <numPages>4</numPages>
  <pageWidth>596</pageWidth>
  <pageHeight>842</pageHeight>
  <expirationDate>1259298000</expirationDate>
  <maxDownloads>5</maxDownloads>

```

```

<cannedContentType>None</cannedContentType>
<cannedContentId>0</cannedContentId>
<numDownloadAttempts>1</numDownloadAttempts>
<numSuccessfulDownloads>1</numSuccessfulDownloads>
<numRejectionsExpired>0</numRejectionsExpired>
<numRejectionsMaxed>0</numRejectionsMaxed>
<numDistinctIPAddresses>1</numDistinctIPAddresses>
<numRecipients>8</numRecipients>
<numRecipientsZeroAttempts>7</numRecipientsZeroAttempts>
<numRecipientsWithFailures>0</numRecipientsWithFailures>
</PDFOriginal>

```

Related Operations

[PDFOriginalSearch](#)

PDFOriginalSearch

The PDFOriginalSearch operation returns matching [PDFOriginal](#) objects.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
PDFOriginalCollection	A collection of PDFOriginal objects

Sample Request

```

Action=PDFOriginalSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-02T20%3A35%3A25.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=4zfnHtZJ9sweSpmMlOWbX%2BHAeYHNum%2B5nJwcZzXi%2BrQ%3D

```

Sample Response

```

<PDFOriginalCollection>
  <PDFOriginal>
    <id>75</id>
    <ownerId>21</ownerId>
    <dataFormatId>35</dataFormatId>

```

```

<fileName>cippic-lt-dfait-acta-30-april-08.pdf</fileName>
<descriptiveName>test</descriptiveName>
<dateUploaded>1248580800</dateUploaded>
<numPages>9</numPages>
<pageWidth>612</pageWidth>
<pageHeight>792</pageHeight>
<expirationDate>1250740800</expirationDate>
<maxDownloads>8</maxDownloads>
<cannedContentType>None</cannedContentType>
<cannedContentId>0</cannedContentId>
<numDownloadAttempts>0</numDownloadAttempts>
<numSuccessfulDownloads>0</numSuccessfulDownloads>
<numRejectionsExpired>0</numRejectionsExpired>
<numRejectionsMaxed>0</numRejectionsMaxed>
<numDistinctIPAddresses>0</numDistinctIPAddresses>
<numRecipients>0</numRecipients>
<numRecipientsZeroAttempts>0</numRecipientsZeroAttempts>
<numRecipientsWithFailures>0</numRecipientsWithFailures>
</PDFOriginal>
<PDFOriginal>
  <id>70</id>
  <ownerId>21</ownerId>
  <dataFormatId>35</dataFormatId>
  <fileName>cippic-lt-dfait-acta-30-april-08.pdf</fileName>
  <descriptiveName>ACTA</descriptiveName>
  <dateUploaded>1248408000</dateUploaded>
  <numPages>0</numPages>
  <pageWidth>0</pageWidth>
  <pageHeight>0</pageHeight>
  <expirationDate>-68400</expirationDate>
  <maxDownloads>0</maxDownloads>
  <cannedContentType>None</cannedContentType>
  <cannedContentId>0</cannedContentId>
  <numDownloadAttempts>0</numDownloadAttempts>
  <numSuccessfulDownloads>0</numSuccessfulDownloads>
  <numRejectionsExpired>0</numRejectionsExpired>
  <numRejectionsMaxed>0</numRejectionsMaxed>
  <numDistinctIPAddresses>0</numDistinctIPAddresses>
  <numRecipients>0</numRecipients>
  <numRecipientsZeroAttempts>0</numRecipientsZeroAttempts>
  <numRecipientsWithFailures>0</numRecipientsWithFailures>
</PDFOriginal>
...
</PDFOriginalCollection>

```

Related Operations

[PDFOriginalGet](#)

PDFRecipientBatchCreate

The PDFRecipientBatchCreate operation allows for the bulk creation of PDFRecipient objects.

Request Parameters

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes

Name	Description	Required
RecipientGroupId	A RecipientGroup id	Yes
ExpirationDate	The expiration date applied to all of the recipients	Yes
MaxDownloads	This is the maximum number of downloads applied to all of the recipients. If omitted there will be no limit on the number of downloads.	No
Batch	This is the recipient batch. A batch consists of an email address and one or more RecipientRecordAttribute parameters. See the sample request below which shows how a batch of parameters are sent to the server.	Yes

Response Elements

Name	Description
PDFRecipientCollection	The resulting PDFRecipient objects

Sample Request



Note

This request is partially urldecoded. This is to better show exactly what the parameters look like. The actual request would be URL encoded before it is sent to the server.

```
PDFOriginalId=52
&RecipientGroupId=148
&Batch~0=jaymuntz@yahoo.com
&Batch~0~{EmailAddress}=jaymuntz@yahoo.com
&Batch~0~{FirstName}=Jay
&Batch~0~{LastName}=Muntz
&Batch~1=jaymuntz@docmonk.com
&Batch~1~{EmailAddress}=jaymuntz@docmonk.com
&Batch~1~{FirstName}=Jayd
&Batch~1~{LastName}=Muntzd
&Batch~2=jaymuntz@soundsprout.com
&Batch~2~{EmailAddress}=jaymuntz@soundsprout.com
&Batch~2~{FirstName}=Jays
&Batch~2~{LastName}=Muntzs
&ExpirationDate=1249400781
&MaxDownloads=10
&Action=PDFRecipientBatchCreate
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T15%3A46%3A21.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=Wlf715LCTG26sQ9ADbw%2Btxb3p3bVeAFWRZicTaXrTdA%3D
```

Sample Response

```
<PDFRecipientCollection>
  <PDFRecipient>
    <id>3823</id>
    <ownerId>21</ownerId>
    <pdfOriginalId>52</pdfOriginalId>
```

```
<boxCoordsId>33</boxCoordsId>
<recipientGroupId>148</recipientGroupId>
<skinId>2</skinId>
<demographicFileLineNumber>0</demographicFileLineNumber>
<emailAddress>jaymuntz@yahoo.com</emailAddress>
<s3Key/>
<html/>
<optList/>
<text/>
<accessId>vixm3v2rju3m</accessId>
<expirationDate>1249400781</expirationDate>
<maxDownloads>10</maxDownloads>
<numAttempts>0</numAttempts>
<numSuccess>0</numSuccess>
<numRejectsExpired>0</numRejectsExpired>
<numRejectsMaxed>0</numRejectsMaxed>
<numRejectsTotal>0</numRejectsTotal>
<emailResult>NotMailed</emailResult>
<RecipientRecordAttributes>
  <RecipientRecordAttribute>
    <id>15991</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3823</pdfRecipientId>
    <dataFormatMemberId>181</dataFormatMemberId>
    <textValue>jaymuntz@yahoo.com</textValue>
  </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>15992</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3823</pdfRecipientId>
    <dataFormatMemberId>182</dataFormatMemberId>
    <textValue>Jay</textValue>
  </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>15993</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3823</pdfRecipientId>
    <dataFormatMemberId>183</dataFormatMemberId>
    <textValue>Muntz</textValue>
  </RecipientRecordAttribute>
</RecipientRecordAttributes>
</PDFRecipient>
<PDFRecipient>
  <id>3824</id>
  <ownerId>21</ownerId>
  <pdfOriginalId>52</pdfOriginalId>
  <boxCoordsId>33</boxCoordsId>
  <recipientGroupId>148</recipientGroupId>
  <skinId>2</skinId>
  <demographicFileLineNumber>0</demographicFileLineNumber>
  <emailAddress>jaymuntz@docmonk.com</emailAddress>
  <s3Key/>
  <html/>
  <optList/>
  <text/>
  <accessId>10dzzqkk54yj</accessId>
  <expirationDate>1249400781</expirationDate>
  <maxDownloads>10</maxDownloads>
  <numAttempts>0</numAttempts>
  <numSuccess>0</numSuccess>
```

```

<numRejectsExpired>0</numRejectsExpired>
<numRejectsMaxed>0</numRejectsMaxed>
<numRejectsTotal>0</numRejectsTotal>
<emailResult>NotMailed</emailResult>
<RecipientRecordAttributes>
  <RecipientRecordAttribute>
    <id>15994</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3824</pdfRecipientId>
    <dataFormatMemberId>181</dataFormatMemberId>
    <textValue>jaymuntz@docmonk.com</textValue>
  </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>15995</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3824</pdfRecipientId>
    <dataFormatMemberId>182</dataFormatMemberId>
    <textValue>Jayd</textValue>
  </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>15996</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3824</pdfRecipientId>
    <dataFormatMemberId>183</dataFormatMemberId>
    <textValue>Muntzd</textValue>
  </RecipientRecordAttribute>
</RecipientRecordAttributes>
</PDFRecipient>
...
</PDFRecipientCollection>

```

Related Operations

[PDFRecipientCreate](#)
[PDFRecipientGet](#)
[PDFRecipientSearch](#)

PDFRecipientCreate

The PDFRecipientCreate operation creates a single [PDFRecipient](#) object.

Request Parameters

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes
RecipientGroupId	A RecipientGroup id	Yes
EmailAddress	The recipient's email address	Yes
ExpirationDate	The expiration date status in POSIX time (number of seconds since the epoch)	Yes
MaxDownloads	The maximum number of times the recipient will be allowed to download the document	No
RecipientRecordAttributes	A RecipientRecordAttribute set that will be applied to this recipient.	Yes

Response Elements

Name	Description
PDFRecipient	A PDFRecipient object

Sample Request



Note

This request is partially urldecoded. This is to better show exactly what the parameters look like. The actual request would be URL encoded before it is sent to the server.

```
PDFOriginalId=52
&RecipientGroupId=148
&EmailAddress=jaymuntz@yahoo.com
&ExpirationDate=1249405323
&RecipientAttributes~{EmailAddress}=jaymuntz@yahoo.com
&RecipientAttributes~{FirstName}=Jay
&RecipientAttributes~{LastName}=Muntz
&Action=PDFRecipientCreate
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T17%3A02%3A03.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=108fm5sAXSI7vrjG%2BuQaY3rssjFyXZ2i2iY5NaVRU3I%3D
```

Sample Response

```
<PDFRecipient>
  <id>3836</id>
  <ownerId>21</ownerId>
  <pdfOriginalId>52</pdfOriginalId>
  <boxCoordsId>33</boxCoordsId>
  <recipientGroupId>148</recipientGroupId>
  <skinId>2</skinId>
  <demographicFileLineNumber>0</demographicFileLineNumber>
  <emailAddress>jaymuntz@yahoo.com</emailAddress>
  <s3Key/>
  <html/>
  <optList/>
  <text/>
  <accessId>nqo4oaowmacw</accessId>
  <expirationDate>1249405323</expirationDate>
  <maxDownloads>0</maxDownloads>
  <numAttempts>0</numAttempts>
  <numSuccess>0</numSuccess>
  <numRejectsExpired>0</numRejectsExpired>
  <numRejectsMaxed>0</numRejectsMaxed>
  <numRejectsTotal>0</numRejectsTotal>
  <emailResult>NotMailed</emailResult>
  <RecipientRecordAttributeCollection>
    <RecipientRecordAttribute>
      <id>16030</id>
      <ownerId>21</ownerId>
      <pdfRecipientId>3836</pdfRecipientId>
      <dataFormatMemberId>181</dataFormatMemberId>
      <textValue>jaymuntz@yahoo.com</textValue>
    </RecipientRecordAttribute>
  </RecipientRecordAttributeCollection>
</PDFRecipient>
```



```

<RecipientRecordAttribute>
  <id>16031</id>
  <ownerId>21</ownerId>
  <pdfRecipientId>3836</pdfRecipientId>
  <dataFormatMemberId>182</dataFormatMemberId>
  <textValue>Jay</textValue>
</RecipientRecordAttribute>
<RecipientRecordAttribute>
  <id>16032</id>
  <ownerId>21</ownerId>
  <pdfRecipientId>3836</pdfRecipientId>
  <dataFormatMemberId>183</dataFormatMemberId>
  <textValue>Muntz</textValue>
</RecipientRecordAttribute>
</RecipientRecordAttributeCollection>
</PDFRecipient>

```

Related Operations

[PDFRecipientBatchCreate](#)

[PDFRecipientGet](#)

[PDFRecipientSearch](#)

PDFRecipientGet

The PDFRecipientGet operation retrieves a single [PDFRecipient](#) object either by the id or AccessId. The AccessID is the 12 character string that is used to retrieve documents. For instance, if a PDFRecipient's download URL is <http://www.docmonk.com/oy663psy025i/>, the AccessId is oy663psy025i.

Request Parameters

Name	Description	Required
PDFRecipientId	A PDFRecipient id. Either this or the AccessId must be provided.	No
AccessId	The 12-character string that appears in a PDFRecipient 's download URL. Either this or the PDFRecipientId must be provided.	No

Response Elements

Name	Description
PDFRecipient	A PDFRecipient object

Sample Request

```

AccessId=oqem6m5kdgyx
&Action=PDFRecipientGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-28T20%3A18%3A23.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=pP%2FZwT3VttAzQ%2FxFjMoh%2FBK3TremMPDZovLntTgMSE8Y%3D

```

Sample Response

```

<PDFRecipient>
  <id>3748</id>
  <ownerId>21</ownerId>
  <pdfOriginalId>52</pdfOriginalId>
  <boxCoordsId>33</boxCoordsId>
  <recipientGroupId>148</recipientGroupId>
  <skinId>2</skinId>
  <demographicFileLineNumber>0</demographicFileLineNumber>
  <emailAddress>jaymuntz@yahoo.com</emailAddress>
  <s3Key/>
  <accessId>oqem6m5kdgyx</accessId>
  <expirationDate>1248652800</expirationDate>
  <maxDownloads>10</maxDownloads>
  <numAttempts>0</numAttempts>
  <numSuccess>0</numSuccess>
  <numRejectsExpired>0</numRejectsExpired>
  <numRejectsMaxed>0</numRejectsMaxed>
  <numRejectsTotal>0</numRejectsTotal>
  <emailResult>NotMailed</emailResult>
  <RecipientRecordAttributeCollection>
    <RecipientRecordAttribute>
      <id>15767</id>
      <ownerId>21</ownerId>
      <pdfRecipientId>3748</pdfRecipientId>
      <dataFormatMemberId>181</dataFormatMemberId>
      <textValue>jaymuntz@yahoo.com</textValue>
    </RecipientRecordAttribute>
    <RecipientRecordAttribute>
      <id>15768</id>
      <ownerId>21</ownerId>
      <pdfRecipientId>3748</pdfRecipientId>
      <dataFormatMemberId>182</dataFormatMemberId>
      <textValue>Jay</textValue>
    </RecipientRecordAttribute>
    <RecipientRecordAttribute>
      <id>15769</id>
      <ownerId>21</ownerId>
      <pdfRecipientId>3748</pdfRecipientId>
      <dataFormatMemberId>183</dataFormatMemberId>
      <textValue>Muntz</textValue>
    </RecipientRecordAttribute>
  </RecipientRecordAttributeCollection>
</PDFRecipient>

```

Related Operations

[PDFRecipientBatchCreate](#)

[PDFRecipientCreate](#)

[PDFRecipientSearch](#)

PDFRecipientSearch

The PDFRecipientSearch operation retrieves [PDFRecipient](#) objects that match the given criteria.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No
RecipientGroupId	A RecipientGroup id	No

Response Elements

Name	Description
PDFRecipientCollection	A set of PDFRecipient objects

Sample Request

```
PDFOriginalId=52
&RecipientGroupId=25
&Action=PDFRecipientSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T20%3A25%3A57.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=ffOKvpbUEBBaG2d7Tex4w%2B8t8dOHyLmQYqQuvRs1sFs%3D
```

Sample Response

```
<PDFRecipientCollection>
  <PDFRecipient>
    <id>27</id>
    <ownerId>21</ownerId>
    <pdfOriginalId>31</pdfOriginalId>
    <boxCoordsId>33</boxCoordsId>
    <recipientGroupId>25</recipientGroupId>
    <skinId>1</skinId>
    <demographicFileLineNumber>0</demographicFileLineNumber>
    <emailAddress>jaymuntz@yahoo.com</emailAddress>
    <s3Key>2009/06/09/000021/jaymuntz_yahoocomacta-proposal-2007.pdf</s3Key>
    <accessId>ypxozho74qwo</accessId>
    <expirationDate>1245816000</expirationDate>
    <maxDownloads>5</maxDownloads>
    <numAttempts>1</numAttempts>
    <numSuccess>1</numSuccess>
    <numRejectsExpired>0</numRejectsExpired>
    <numRejectsMaxed>0</numRejectsMaxed>
    <numRejectsTotal>0</numRejectsTotal>
    <emailResult>Unknown</emailResult>
    <RecipientRecordAttributeCollection>
      <RecipientRecordAttribute>
        <id>196</id>
        <ownerId>21</ownerId>
        <pdfRecipientId>27</pdfRecipientId>
        <dataFormatMemberId>181</dataFormatMemberId>
        <textValue>jaymuntz@yahoo.com</textValue>
```

```

    </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>197</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>27</pdfRecipientId>
    <dataFormatMemberId>182</dataFormatMemberId>
    <textValue>Jay</textValue>
  </RecipientRecordAttribute>
  <RecipientRecordAttribute>
    <id>198</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>27</pdfRecipientId>
    <dataFormatMemberId>183</dataFormatMemberId>
    <textValue>Muntz</textValue>
  </RecipientRecordAttribute>
</RecipientRecordAttributeCollection>
</PDFRecipient>
<PDFRecipient>
  <id>3719</id>
  <ownerId>21</ownerId>
  <pdfOriginalId>52</pdfOriginalId>
  <boxCoordsId>33</boxCoordsId>
  <recipientGroupId>25</recipientGroupId>
  <skinId>2</skinId>
  <demographicFileLineNumber>0</demographicFileLineNumber>
  <emailAddress>jaymuntz@yahoo.com</emailAddress>
  <s3Key/>
  <accessId>u5ak11i7rp45</accessId>
  <expirationDate>18000</expirationDate>
  <maxDownloads>10</maxDownloads>
  <numAttempts>0</numAttempts>
  <numSuccess>0</numSuccess>
  <numRejectsExpired>0</numRejectsExpired>
  <numRejectsMaxed>0</numRejectsMaxed>
  <numRejectsTotal>0</numRejectsTotal>
  <emailResult>NotMailed</emailResult>
  <RecipientRecordAttributeCollection/>
</PDFRecipient>
...
</PDFRecipientCollection>

```

Related Operations

[PDFRecipientBatchCreate](#)

[PDFRecipientCreate](#)

[PDFRecipientGet](#)

RecipientGroupConfigureEmail

The RecipientGroupConfigureEmail operation

Request Parameters

Name	Description	Required
RecipientGroupId	A RecipientGroup id	Yes
EmailTemplateId	An EmailTemplate id	Yes

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes
UseDefaults	This is a flag to indicate if the email should be configured to use the default values associated with the EmailTemplate should be used. If omitted, the default value is false and the Batch property must be included.	No
Batch	This is the batch of email content which includes the subject line plus any content fields that are associated with the EmailTemplate used.	No

Response Elements

Name	Description
None	

Sample Request



Note

This request is partially urldecoded. This is to better show exactly what the parameters look like. The actual request would be URL encoded before it is sent to the server.

```
RecipientGroupId=227
&PDFOriginalId=79
&EmailTemplateId=1
&UseDefaults=0
&Batch~SubjectLine=This+is+our+totally+custom+subject+line
&Batch~PARA1=This+is+our+totally+customized+PARA1
&Action=RecipientGroupConfigureEmail
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-08-24T19%3A23%3A46.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=keV%2ByXyPxYU7TrPEyXRc%2F5Ulrmt2JgSIxJuNS93SiAk%3D
```

Sample Response

```
<EmptySet />
```

Related Operations

[EmailMessageInsertionTextGet](#)
[EmailMessageInsertionTextSearch](#)
[EmailTemplateFieldGet](#)
[EmailTemplateFieldSearch](#)
[EmailTemplateGet](#)
[EmailTemplateSearch](#)
[RecipientGroupSendEmail](#)

RecipientGroupCreate

The RecipientGroupCreate operation creates a single [RecipientGroup](#) object.

Request Parameters

Name	Description	Required
BoxCoordsId	A BoxCoords id	Yes

Response Elements

Name	Description
RecipientGroup	A RecipientGroup object

Sample Request

```
BoxCoordsId=33
&Action=RecipientGroupCreate
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T20%3A42%3A01.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=PSGtiWexUb2GonzUuVz0WTjMVYo0zfq8mUF7we8Idpk%3D
```

Sample Response

```
<RecipientGroup>
  <id>159</id>
  <ownerId>21</ownerId>
  <boxCoordsId>33</boxCoordsId>
  <mailChimpCampaignId/>
  <mailChimpLastReport>0</mailChimpLastReport>
  <dateCreated>1248986521</dateCreated>
</RecipientGroup>
```

Related Operations

[RecipientGroupGet](#)
[RecipientGroupSearch](#)
[RecipientGroupSendEmail](#)

RecipientGroupGet

The RecipientGroupGet operation retrieves a single [RecipientGroup](#) object.

Request Parameters

Name	Description	Required
RecipientGroupId	A RecipientGroup id	Yes

Response Elements

Name	Description
RecipientGroup	A RecipientGroup object

Sample Request

```
RecipientGroupId=160
&Action=RecipientGroupGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T21%3A05%3A30.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=9jOiMBj9CothINK28A7cGs4EDXrLu8LwrHFFk3GfIT4%3D
```

Sample Response

```
<RecipientGroup>
  <id>174</id>
  <ownerId>21</ownerId>
  <boxCoordsId>93</boxCoordsId>
  <mailChimpCampaignId/>
  <mailChimpLastReport>-18000</mailChimpLastReport>
  <dateCreated>1249397979</dateCreated>
  <emailTemplateId>0</emailTemplateId>
  <emailSubjectLine/>
</RecipientGroup>
```

Related Operations

[RecipientGroupCreate](#)
[RecipientGroupSearch](#)
[RecipientGroupSendEmail](#)

RecipientGroupSearch

The RecipientGroupSearch operation retrieves a set of [RecipientGroup](#) objects.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
BoxCoordsId	A BoxCoords id	Yes
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
RecipientGroupCollection	A collection of RecipientGroup objects

Sample Request

```

BoxCoordsId=33
&Action=RecipientGroupSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T23%3A36%3A59.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=Y2tRzMsm4s0g2s4CsakZzJtRdy5H%2B2qTBryI1LlKjNw%3D

```

Sample Response

```

<RecipientGroupCollection>
  <RecipientGroup>
    <id>25</id>
    <ownerId>21</ownerId>
    <boxCoordsId>33</boxCoordsId>
    <mailChimpCampaignId/>
    <mailChimpLastReport/>
    <dateCreated>1241150400</dateCreated>
    <emailTemplateId>0</emailTemplateId>
    <emailSubjectLine/>
  </RecipientGroup>
  <RecipientGroup>
    <id>72</id>
    <ownerId>21</ownerId>
    <boxCoordsId>33</boxCoordsId>
    <mailChimpCampaignId/>
    <mailChimpLastReport>18000</mailChimpLastReport>
    <dateCreated>1248295422</dateCreated>
    <emailTemplateId>0</emailTemplateId>
    <emailSubjectLine/>
  </RecipientGroup>
  ...
</RecipientGroupCollection>

```

Related Operations

[RecipientGroupCreate](#)
[RecipientGroupGet](#)
[RecipientGroupSendEmail](#)

RecipientGroupSendEmail

The RecipientGroupSendEmail emails the document links to the [PDFRecipient](#) members of a [RecipientGroup](#).

Request Parameters

Name	Description	Required
PDFOriginalId	A PDFOriginal id	Yes
RecipientGroupId	A RecipientGroup id	Yes

Response Elements

Name	Description
None	

Sample Request

```
PDFOriginalId=52
&RecipientGroupId=148
&Action=RecipientGroupSendEmailNow
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-30T23%3A54%3A08.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=LkXZRUbCgEdc87XVs79mOaf8sn%2B%2FWA7PO3%2BwJ2UGxjw%3D
```

Sample Response

```
<EmptySet />
```

Related Operations

[RecipientGroupCreate](#)
[RecipientGroupGet](#)
[RecipientGroupSearch](#)

RecipientRecordAttributeGet

The RecipientRecordAttributeGet operation gets a single [RecipientRecordAttribute](#) object.

Request Parameters

Name	Description	Required
RecipientRecordAttributeId	A RecipientRecordAttribute id	Yes

Response Elements

Name	Description
RecipientRecordAttribute	A RecipientRecordAttribute object

Sample Request

```
RecipientRecordAttributeId=1
&Action=RecipientRecordAttributeGet
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-31T00%3A09%3A25.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=RDnvDWD%2FLngZdC65NETNNZzW4HpQKbphL8rCKRto%2B%2BM%3D
```

Sample Response

```

<RecipientRecordAttribute>
  <id>1</id>
  <ownerId>21</ownerId>
  <pdfRecipientId>1</pdfRecipientId>
  <dataFormatMemberId>8</dataFormatMemberId>
  <textValue>jaymuntz@yahoo.com</textValue>
</RecipientRecordAttribute>

```

Related Operations

[RecipientRecordAttributeSearch](#)

RecipientRecordAttributeSearch

The RecipientRecordAttributeSearch operation finds [RecipientRecordAttribute](#) objects.



Note

This operation implements the [Pageable](#) interface.

Request Parameters

Name	Description	Required
PDFRecipientId	A PDFRecipient id	Yes
Page	This is the page of the results to retrieve. If omitted, page 1 is returned and the responseMetaData node will describe the total number of pages and records.	No

Response Elements

Name	Description
RecipientRecordAttributeCollection	Collection of RecipientRecordAttribute objects

Sample Request

```

PDFRecipientId=3837
&Action=RecipientRecordAttributeSearch
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-31T00%3A21%3A07.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=PwLhsMzVMCM7JDT%2BHbE02ouRpi7xlVEsj3fjFaBgpq8%3D

```

Sample Response

```

<RecipientRecordAttributeCollection>
  <RecipientRecordAttribute>
    <id>16033</id>
    <ownerId>21</ownerId>
    <pdfRecipientId>3837</pdfRecipientId>

```

```

        <dataFormatMemberId>181</dataFormatMemberId>
        <textValue>jaymuntz@yahoo.com</textValue>
    </RecipientRecordAttribute>
    <RecipientRecordAttribute>
        <id>16034</id>
        <ownerId>21</ownerId>
        <pdfRecipientId>3837</pdfRecipientId>
        <dataFormatMemberId>182</dataFormatMemberId>
        <textValue>Jay</textValue>
    </RecipientRecordAttribute>
    ...
</RecipientRecordAttributeCollection>

```

Related Operations

[RecipientRecordAttributeGet](#)

TestAuthentication

The TestAuthentication operation is a convenience operation for making sure that commands are being properly signed and authenticated.

Request Parameters

Name	Description	Required
None		

Response Elements

Name	Description
None	

Sample Request

```

Action=TestAuthentication
&DMAccessKeyId=NHZQYVTD3J6AHETBEQX1
&Timestamp=2009-07-29T17%3A15%3A08.000Z
&SignatureVersion=0
&SignatureMethod=HmacSHA256
&Signature=EnTFKvt348Q2i%2Fws15F9vaX3aM%2BBqHKB7Xx14iKYY%2Fs%3D

```

Sample Response

```
<EmptySet />
```

Related Operations

None