

#### BakeSpace Partner API Version 1.40

This document will outline the query structure for the BakeSpace partner API. The purpose is so that partners can retrieve bakespace recipe information for their display purposes.

The basic structure of a query is:

```
http://bakespace.com/api/query.php?pcode=<partner_code>&type=<type>&limit=<number>
```

where *partner\_code* is an alphanumeric string the partner is assigned by BakeSpace, *type* is the query type, and *limit* is how many results are to be returned.

Reply content type is XML and a typical replay structure is as follows:

```
<results>
  <count></count>
  <item>
     <recipeid></recipeid>
      <name></name>
      <author></author>
      <chosendate></chosendate>
      <foodimg></foodimg>
      <thumbnailimg></thumbnailimg>
      <fullimg></fullimg>
      <desc></desc>
      <preptime></preptime>
      <cooktime></cooktime>
      <servings></servings>
      <directions></directions>
      <ingredients></ingredients>
  </item>
   <item>
        ... another recipe ...
  </item>
</results>
```

Note that only the *recipeoftheday* type will include the "chosendate" field in the reply.

Query parameter details for "type" are as follows:

## type: recipeOfTheDay

#### Description:

Returns the designated recipe(s) of the day in order by day chosen descending.

#### Parameters:

limit: optional; how many rows to return, defaults to 1

#### Reply:

```
<results>
<count>1</count>
<item>
<recipeid>8493</recipeid>
<name>Chocolate Lover's Creme Brulee</name>
<author>Laurie Reinmann</author>
<chosendate>2011-07-27</chosendate>
<foodimg>4ee1b0c3a736bcb97ab13bf09a68f53e.jpeg</foodimg>
<thumbnailimg>
http://bakespace.dougco.com/images/small/4ee1b0c3a736bcb97ab13bf09a68f53e.jpeg
</thumbnailimg>
<fullimg>
http://bakespace.dougco.com/images/large/4ee1b0c3a736bcb97ab13bf09a68f53e.jpeg
</fullimg>
<desc/>
<preptime/>
<cooktime/>
<servings>4</servings>
<directions>
```

Position a rack in the center of the oven and preheat to 325 degrees F. Have a pot of boiling water ready. In a saucepan over medium heat, warm the cream until small bubbles form around the edges of the pan, 2 to 3 minutes. Remove from the heat and stir in the chocolate until melted and blended. Cool slightly. In a bowl, whisk together the egg volks and 2 tablespoons of the sugar until the mixture is pale vellow and thick ribbons fall from the whisk, about 5 minutes. Slowly stir in the warm chocolate/cream mixture, then stir in the vanilla. Line a 3-inch deep baking pan with a kitchen towel and place four 6-ounce ramekins or dessert cups in the pan. Pour the chocolate mixture through a fine-mesh sieve set over a bowl. Divide the chocolate mixture among the ramekins. Add the boiling water to fill the pan halfway up the sides of the ramekins and cover loosely with aluminum foil. Bake until the custards are just set around the edges. 25 to 30 minutes. Transfer the ramekins to a wire rack and cool to room temperature. Cover and refrigerate for at least 4 hours or up to 2 days. Just before serving, sprinkle 1 tablespoon sugar evenly over the surface of each custard. Using a kitchen torch, move the flame continuously in small circles over the surface until the sugar bubbles and just begins to turn golden, 20 to 30 seconds per custard. Garnish with a few raspberries, a dollop of whipped cream and a sprig of mint, if desired. Serve immediately.

</directions>

```
<ingredients>
2 cups heavy cream 3 ounces good quality bittersweet chocolate, chopped into small
pieces 3 large egg yolks 6 tablespoons granulated sugar, divided 1 teaspoon vanilla
extract
</ingredients>
</item>
```

# type: featuredRecipes

</results>

#### Description:

Returns recipes that have been marked as featured recipes in a unique order that changes daily.

#### Parameters:

limit: optional; how many rows to return, defaults to 1

#### Reply:

Same as recipedOfTheDay

## type: latestRecipes

#### Description:

Returns recipes in order by timestamp created descending. Only includes recipes that have a photo.

#### Parameters:

<u>limit</u>: optional; how many rows to return, defaults to 10 <u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

## Reply:

Same as recipedOfTheDay

# type: myRecipeBox

### Description:

Returns recipes in the currently authenticated user's recipe box.

#### Parameters:

limit: optional; how many rows to return, defaults to 10

<u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

## Reply:

Same as recipedOfTheDay

## type: myRecipeBoxTagged

### Description:

Returns recipes in the currently authenticated user's recipe box that are tagged with the supplied parameter.

#### Parameters:

limit: optional; how many rows to return, defaults to 10

<u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

tag: required; what tag to filter on, defaults to "litl"

## Reply:

Same as recipedOfTheDay

# type: addRecipe

### Description:

Will add a recipe to the authenticated user's recipe box and tag it with the suppied tag. Requires key of "recipeid".

#### Parameters:

recipeid: required; a valid recipe id

tag: required; what tag to filter on, defaults to "litl"

# Error Replies:

Invalid recipe ID Recipe already exists in recipe box Not authenticated Save failed

#### format example:

```
<results>
<error>Invalid recipe ID</error>
</results>
```

```
Result Reply:
      Success
      format example:
            <results>
            <result>Success</result>
            </results>
type: version
Description:
      Returns the API version in use currently.
Parameters:
      None
Reply:
      <results>
      <version>
      <revision>1.3</revision>
      <timestamp>2011-07-28</timestamp>
      </re>
      </results>
type: brandDetails
Description:
      Returns list of Brand logos and URL links.
Parameters:
      None
Reply:
      <results>
      <br/>brand>
      <name>Bobs Pancake House</name>
      <url>http://www.pancakes.com</url>
      <fullimg>http://www.pancakes.com/images/logo.jpg</fullimg>
      </brand>
      <br/>brand>
```

```
<name>Joes Sausage House</name>
<url>http://www.sausages.com</url>
<fullimg>http://www.sausages.com/images/logo.jpg</fullimg>
</brand>
</results>
```

## type: getLatestReviews

Description:

Returns list of latest cookbook reviews.

#### Parameters:

limit: optional; how many rows to return, defaults to 10

startrow: optional; which row to start on the return structure, defaults to row zero

which is the first one.

cookbookid: optional; limit reviews to a specific cookbookid

## Reply:

# type: getFeaturedAuthor

# Description:

Returns list of the current featured author.

#### Parameters:

None

```
Reply:
      <results>
       <item>
        <author>Bob Jones</author>
        <author_member_id>12</author_member_id>
        <author_facebook>http://facebook.com/myusername</author_facebook>
        <author_twitter>http://twitter.com/myusername</author_twitter>
        <about>Bob is from a small town and likes cats. He likes all kind of
      cats. </about>
       </item>
      </results>
type: getCookbookProfile
Description:
      Returns details of a specified cookbook.
Parameters:
      cookbookid: required
Reply:
      <results>
       <item>
        <cookbook id>1</cookbook id>
        <title>Bob's Cookbook</title>
        <description>Bob made this cookbook one rainy sunday
      afternoon. </description>
        <cost>7. 95</cost>
        <overall rating />
        <author_name>Bob Jones
        <author_member_id>45783</author_member_id>
      <author_member_img>http://bakespace.com/images/normal/xxxx.jpg</author_member_</pre>
      img>
        <recipe_count>13</recipe_count>
        <location_created>Los Angeles, CA, USA</location_created>
        <language>English</language>
        <categories>Dessert, Beverage</categories>
        <cover_imgurl>http://www.imagesgalore.com/images/mycover.jpg</cover_imgurl>
        <videourl>http://www.youtube.com/?v=939djdj</videourl>
```

```
<video_thumbnail>http://bakespace.com/images/video.jpg</video_thumbnail>
  <facebook />
  <twitter />
  <is_owned>true</is_owned>
  <downloads>3</downloads>
  <reviews>
   <review>
    <title>Jane's review</title>
    <synopsis>Loved it!</synopsis>
    <rating>4</rating>
   </review>
  </reviews>
  <recipes>
     <recipe>
      <recipe id>49030</recipe id>
      <sample>YES</sample>
      <name>Mexican Hot Chocolate Brownies
      <summary>Sweet meets heat</summary>
      <duration>25</duration>
      <servings>20-24</servings>
      <ingredients>1 1/4 cup cake flour, 1/2 tsp salt</ingredients>
      <directions>
       \langle \text{item} \rangle Preheat oven to 325. Grease the bottom and sides of a 13 \times 9
pan. </item>
       <item>Whisk cake flour, salt, baking powder, cayenne, and cinnamon in a
medium bowl. Set aside </item>
       <item>Place chocolate and butter in a bowl. Microwave for 1 minute and
in 30 second increments, stirring in between until chocolate has completely
melted. Pour into the bowl of your stand mixer. Add sugar and mix on med-high
until combined. Turn mixer to low and add 1 egg at a time and mix completely.
Add vanilla. </item>
       <item>Pour batter into prepared pan and bake for ~30 minutes, until a
skewer inserted in the center comes out with a few moist crumbs attached. Let
cool ~15 minutes. </item>
       <item>Heat semisweet chocolate and milk in the microwave for 30 seconds
and then in 15 second increments, stirring in between until chocolate has
completely melted. Pour over brownies. Let cool completely before
cutting.</item>
      </directions>
      <backstory>Sweet meets heat</backstory>
```

```
<imgurl>http://bakespace.com/images/large/1e2a67029869c515b38d872e661cf78e.jpe
g</imgurl>
      <videourl></videourl>
      <notes></notes>
     </recipe>
     <recipe>
      <recipe id>49030</recipe id>
      <sample>YES</sample>
      <name>Mexican Hot Chocolate Brownies
      <summary>Sweet meets heat</summary>
      <duration>25</duration>
      <servings>20-24</servings>
      <ingredients>1 1/4 cup cake flour. 1/2 tsp salt</ingredients>
      <directions>
       \langle \text{item} \rangle Preheat oven to 325. Grease the bottom and sides of a 13×9
pan. </item>
       <item>Whisk cake flour, salt, baking powder, cayenne, and cinnamon in a
medium bowl. Set aside. </item>
       <item>Place chocolate and butter in a bowl. Microwave for 1 minute and
in 30 second increments, stirring in between until chocolate has completely
melted. Pour into the bowl of your stand mixer. Add sugar and mix on med-high
until combined. Turn mixer to low and add 1 egg at a time and mix completely.
Add vanilla.</item>
       <item>Pour batter into prepared pan and bake for ~30 minutes. until a
skewer inserted in the center comes out with a few moist crumbs attached. Let
cool ~15 minutes. </item>
       <item>Heat semisweet chocolate and milk in the microwave for 30 seconds
and then in 15 second increments, stirring in between until chocolate has
completely melted. Pour over brownies. Let cool completely before
cutting. </item>
      </directions>
      <backstory>Sweet meets heat/backstory>
<imgurl>http://bakespace.com/images/large/1e2a67029869c515b38d872e661cf78e.jpe
g</imgurl>
      <videourl></videourl>
      <notes></notes>
     </recipe>
  </recipes>
 </item>
```

## type: getCookbooks

### Description:

Returns list of user's downloaded Cookbooks, i.e., ones that they bought/downloaded but did not necessarily create.

#### Parameters:

<u>limit</u>: optional; how many rows to return, defaults to 10 <u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

## Reply:

```
<results>
 <item>
 <cookbook_id>1</cookbook_id>
  <title>Sandwitches</title>
  <description>Come explore my cookbook</description>
 <cover_imgurl>http://www.imagesgalore.com/images/mycover.jpg</cover_imgurl>
  <recipe_count>13</recipe_count>
  <cost>1.99</cost>
 <facebook />
 <twitter />
 <is_owned />
 <downloads>5</downloads>
 </item>
<item>
 . . .
</item>
</results>
```

# type: downloadCookbook

## Description:

Returns details of a Cookbook to download.

#### Parameters:

cookbookid: required

```
Reply:
      <results>
       <item>
        <cookbook_id>1</cookbook_id>
        <title>Bob's Cookbook</title>
        <description>Bob made this cookbook one rainy sunday
      afternoon. </description>
        <cost>7. 95</cost>
        <author_member_id>45783</author_member_id>
        <author name />
        <author_member_img />
        <recipe count>13</recipe count>
        <location created>Los Angeles, CA, USA</location created>
        <language>English</language>
        <categories>Dessert, Beverage</categories>
        <cover_imgurl>http://www.imagesgalore.com/images/mycover.jpg</cover_imgurl>
        <videourl>http://www.youtube.com/?v=939djdj</videourl>
        <video thumbnail />
        <facebook />
        <twitter />
        <recipes>
         <recipe>
          <recipe_id>1</recipe_id>
          <name>Spinach Dip</name>
          <summary>Tasty beyond belief, spinach is good for you also!</summary>
          <duration>13</duration>
          <servings>26</servings>
          <ingredients>2 cups Basil, 2 Tomatoes, 2 cups Spinach</ingredients>
          <equipment>1 Firehose</equipment>
          <directions>Cook it all up; serve hot</directions>
          <backstory>I made this once when I was a fireman back in
```

```
Colorado. </backstory>
    <imgurl> </imgurl>
    <videourl> </videourl>
    <notes> </notes>
   </recipe>
   <recipe>
   </recipe>
  </recipes>
 </item>
```

## type: getCookbookLatest

#### Description:

Returns list of latest Cookbooks.

#### Parameters:

limit: optional; how many rows to return, defaults to 10

startrow: optional; which row to start on the return structure, defaults to row zero

which is the first one.

costlimit: optional; indicates max cost in US dollars for return list items

```
<results>
<item>
<cookbook id>1</cookbook id>
<title>Bob's Cookbook</title>
<description>Bob made this cookbook one rainy sunday afternoon.
<cost>7. 95</cost>
<author_member_id>45783</author_member_id>
<author_name/>
<author_member_img/>
<recipe_count>13</recipe_count>
<location created/>
<language/>
<categories/>
<cover_imgurl/>
<video_thumbnail>http://www.imagesgalore.com/images/love.jpg</video_thumbnail>
<videourl>http://www.youtube.com/?v=939djdj</videourl>
<facebook/>
<twitter/>
<is owned/>
<downloads/>
<reviews>
 <review>
  <cookbook_id>13</cookbook_id>
  <cookbook title>Bob's Cookbook</cookbook title>
  <author>Jane Doe</author>
  <review_text>Loved it!</review_text>
  <is_owned/>
```

## type: topFreeCookbooks

### Description:

Returns list of top free Cookbooks.

#### Parameters:

<u>limit</u>: optional; how many rows to return, defaults to 10 <u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

```
<results>
<item>
<cookbook_id>1</cookbook_id>
<title>Bob's Cookbook</title>
<description>Bob made this cookbook one rainy sunday afternoon.
<cost>0</cost>
<overall_rating/>
<author name/>
<author_member_id>45783</author_member_id>
<author_member_img/>
<recipe_count>13</recipe_count>
<location created/>
<language/>
<categories/>
<cover_imgurl/>
<video_thumbnail>http://www.imagesgalore.com/images/love.jpg</video_thumbnail>
<videourl>http://www.youtube.com/?v=939djdj</videourl>
<facebook/>
<twitter/>
<is owned/>
<downloads/>
```

## type: getCookbookFeatured

## Description:

Returns list of featured Cookbooks.

#### Parameters:

limit: optional; how many rows to return, defaults to 10

startrow: optional; which row to start on the return structure, defaults to row zero

which is the first one.

costlimit: optional; indicates max cost in US dollars for return list items

#### Reply:

Same as getCookbookLatest

# type: getCookbookNews

#### Description:

Returns list of Cookbook news, and deal of the day

#### Parameters:

<u>limit</u>: optional; how many rows to return, defaults to 10

<u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

costlimit: optional; indicates max cost in US dollars for return list items

```
<results>
<item>
<cookbook_id>1</cookbook_id>
<title>Bob's Cookbook</title>
<description>Bob made this cookbook one rainy sunday afternoon.
<imgurl/>
<cost>7. 95</cost>
<author_member_id>45783</author_member_id>
<recipe_count>13</recipe_count>
<facebook/>
<twitter/>
<is_owned/>
<downloads/>
<top_downloads>
 <download>
  <title>Jane's review</title>
 <imgurl>http://www.imagesgalore.com/images/love.jpg</imgurl>
  <cost>3. 95</cost>
 </download>
 <download>
 </download>
</top_downloads>
</item>
</results>
```

# type: myCookbooks

## Description:

Returns list of users's Cookbooks that the user created.

#### Parameters:

<u>limit</u>: optional; how many rows to return, defaults to 10 <u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

## Reply:

```
<results>
<item>
<cookbook_id>1</cookbook_id>
<title/>
<description/>
<cover_imgurl>http://www.imagesgalore.com/images/mycover.jpg</cover_imgurl>
<cost>1.99</cost>
<recipe_count>13</recipe_count>
<facebook/>
<twitter/>
<downloads>3</downloads>
</item>
</results>
```

# type: getTopCookbookCategories

## Description:

Returns list of top cookbook categories.

#### Parameters:

None

```
<results>
<item>
<category_id>1</category_id>
<name>Bread</name>
</item>
```

## type: getSubCookbookCategories

Description:

Returns list of sub cookbook categories.

Parameters:

None

#### Reply:

# type: searchCookbooks

#### Description:

Returns list of cookbooks based on search parameters.

#### Parameters:

<u>keywords</u>: text; optional, set to search on keywords, comma separated list <u>keywordmatch</u>: text; optional, set to "any" to match any keyword in "keywords" otherwise it requires match all

searchcategories: text; optional, set to category Ids, comma separated list

ingredmatch: text; optional, set to match ingredient keywords, comma separated list

<u>searchauthor</u>: text; optional, set to member ID of author

<u>searchsift</u>: text; optional, set to option for sifting (i.e.: all, non-profit, pro, brands, blogger). Default is "all"

<u>searchtype</u>: optional; "bookstore" for cookbook store, "all" for all recipes, "my" for user's recipes, "authorcookbooks" will return other cookbooks by author in cookbookid, "alsobought" will return other cookbooks bought by people who bought cookbookid

## Error Reply:

All search keywords must be at least 2 characters in length

```
Results Reply:
      <results>
       <item>
        <cookbook_id>1</cookbook_id>
        <cover_imgurl>http://www.imagesgalore.com/images/mycover.jpg</cover_imgurl>
        <title>Sunday cooking</title>
        <description/>
        <cost>7. 95</cost>
        <author_name/>
        <author_member_id/>
        <videourl/>
        <video_thumbnail/>
        <recipe_count>13</recipe_count>
        <facebook/>
        <twitter/>
        <is_owned/>
        <downloads>5</downloads>
       </item>
       <item>
       </item>
      </results>
      If the search type is "my", then the XML will output recipe information instead of
      cookbook information, as follows:
      <item>
       <recipe_id>49954</recipe_id>
       <name>Angel Acres Baked Pineapple Pudding
       <author>angelacres</author>
       <foodimg>4467a79f19383b25c9675153bb68253b. jpeg</foodimg>
      <thumbnailimg>http://bakespace.com/images/small/4467a79f19383b25c9675153bb6825
      3b.jpeg</thumbnailimg>
      <imgurl>http://bakespace.com/images/small/4467a79f19383b25c9675153bb68253b.jpe
      g</imgurl>
      <fullimg>http://bakespace.com/images/large/4467a79f19383b25c9675153bb68253b.jp
      eg</fullimg>
```

## type: topCookbooks

## Description:

Returns list of top cookbooks.

#### Parameters:

timeperiod: Optional, used for cookbook searches; "thisweek", "lastweek", "thismonth", "lastmonth"; default is all

costlimit: optional; indicates max cost in US dollars for return list items

limit: optional; how many rows to return, defaults to 10

<u>startrow</u>: optional; which row to start on the return structure, defaults to row zero which is the first one.

## Results Reply:

## type: getRecipe

Description:

Returns details of a specified recipe.

Parameters:

recipeid: the id of the requested recipe.

Reply:

Same as recipedOfTheDay

# type: getRecipes

Description:

Returns details for a list of recipes.

Parameters:

recipeids: the ids of the requested recipes separated by commas

Reply:

Same as recipedOfTheDay

# type: addNote

Description:

Allows user to add a private note applied to a specified recipe.

#### Parameters:

<u>recipeid</u>: the id of the recipe, required <u>notetext</u>: the text of the note, required

### Error Replies:

Invalid recipe ID Not authenticated Note text invalid Save failed

## format example:

<results>
<error>Invalid recipe ID</error>
</results>

## Result Reply:

Success

# type: login

#### Description:

Allows a user to authenticate which sets the appropriate cookies. Will set login cookies and return a 32 character session ID that can be used in cases where cookies are not supported.

#### Parameters:

<u>authu</u>: the username, required <u>authp</u>: the password, required

## Error Replies:

Invalid username Invalid password User banned Login failed

## format example:

```
<results>
<error>Invalid username</error>
</results>
```

# 

# type: logout

Description:

Allows a user to sign out which clears the appropriate cookies.

Parameters:

None

# Replies:

```
<results>
<result>Success</result>
</results>
```

List of key/value pairs that are used outside of "type":

Key Name	Key Value	Description
pcode	Alphanumeric code	A unique code assigned to a partner by BakeSpace
sessionid	Alphanumeric code	A session id that was retrieved via the login call. Passed along with user-authenticated requests.  [ Note that cookies will also work in lieu of explicitly passing the SID ]
limit	Number	An integer that defines how many results to return. Maximum is 100.
startrow	Number	An integer that defines what row in the results to start returning items. Used for pagination.
timeperiod	Text	Optional, used for cookbook searches; "thisweek", "lastweek", "thismonth", "lastmonth"
costlimit	Decimal Number	Optional; indicates max cost for return list
authu	Text	A username for authentication (used with "type" set to login)
authp	Text	A password for authentication (used with "type" set to login)
keywords	Text	Comma separated list of word used with type "search"
keywordmatch	Text	Used with type "search", is set to "any" then "keywords" will match if any match, otherwise they must all match to return in the search.
ingredmatch	Text	Optional; set to match ingredient keywords, comma separated list
membermatch	Text	Optional, set to match member username text
searchcategories	Text	Optional, set as list of category Ids, comma separated list
searchauthor	Text	Optional, set with a member ID to limit search to that author
searchsift	Text	Optional, set to sift type (all, non-profit, pro, brands, blogger). Default is "all"
searchtype	Text	Optional; "bookstore" for cookbook store, "all" for all recipes, "my" for user's recipes, "authorcookbooks" will return other cookbooks by author in cookbookid, "alsobought" will return other cookbooks bought by people who bought cookbookid
tag	Text	Used to provide a tag when adding a recipe.

notetext	Text	Text to use when using type "addNote"
recipebox	Text	Options: "my" for user's own recipebox. Blank
		for all users.
recipeid	Integer	Required with type "addrecipe"
recipeids	Text	Comma separated list of recipe ids
cookbookid	Integer	Required with type "addNote"