

API URL: <http://tapor.ca/api/>

Get

Get

users/current

Description:

Allows user to retrieve information about the user account, when the user log in.

name	Type	Description
id	int	ID of the user. it has not a default value.
name	string	The name of the user
email	string	The email address of the user
is_email_publishable	boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	It crafts url from webistes (external sources) the user log in on TAPoR, for example: Twitter, Google, and Yahoo.
is_blocked	boolean	The user is blocked or not.
is_admin	boolean	Shows that the user is an administrator or not.

Example:

Request: <http://tapor.ca/api/users/current>

Output:

```
{
  "id": 2,
  "name": "",
  "email": "",
  "is_email_publishable": false,
  "site": null,
```

```
"affiliation": null,
"position": null,
"detail": null,
"image_url": "https://lh4.googleusercontent.com/-
B2KJ9dM2vio/AAAAAAAAAAAI/AAAAAAAAAFIVXQjP76nNCNE/photo.jpg",
"is_blocked": false,
"is_admin": true
}
```

.....
.....

Get
tags/search

Description:
Raises a query through search, based on tags.

Name	Type	Description
status	Int	The HTTP status of the response.
error	string	A human-readable message describing the error.

Example:
{
 "status": "500",
 "error": "Internal Server Error"
}

.....
.....

Get
users/:id/tool_lists

<Empty JSON content>

.....
.....

Get tools/latest

Description:

Returns a list of last four tools entered in TAPoR portal.

Name	Type	Description
id	int	The id of the tool
user_id	Int	Id of user who entered the tool information
name	string	The name of the tool
detail	string	The information about the tool.
is_approved	boolean	?
image_url	string	The url of image
creators_name	string	The tool's creator
creators_email		null
creators_url		null
star_average	float	Tool rating based on users' satisfaction
url		null
last_updated		null
nature	string	The type of entry (there is 2 types of entry in the system: tool and code)
language		null
code		null
repository		null
thumb_url	string	The URL address of image
rating_count	float	The number of amount of rating
recipes	string	The recipe discusses ways to find materials for analysing by this tool

Example:

```
[  
  {  
    "id": 1502,  
    "user_id": 1,  
    "name": "Frogr",
```

```

"detail":
  "is_approved": true,
  "image_url": "images/tools/3/1502.png",
  "creators_name": "Mario Sanchez",
  "creators_email": null,
  "creators_url": null,
  "star_average": 0,
  "url": null,
  "last_updated": null,
  "nature": "tool",
  "language": null,
  "code": null,
  "repository": null,
  "thumb_url": "images/tools/3/1502-thumb.png",
  "rating_count": 0,
  "recipes": ""
},
],
.....
.....

```

Get
tools/by_analysis

Description:

Get back all the analyses tools that introduced on the TAPoR portal. The response has two part:

1. attribute_values: a list of values of custom attribute “type of analysis”
2. tools: a list of all of the tools on the TAPoR portal and

attribute_values:

Name	Type	Description
id	int	The id of the tool
name	string	The type of attribute

tools

Name	Type	Description
id		null
name	string	Gets back the tool's name
detail	string	The name of the tool
image_url	string	The url of image
star_average	int	Tool rating based on users' satisfaction
tool_id	?	? REMOVE
attribute_value_ids	?	? REMOVE

Example:

```
{
  "attribute_values": [
    {
      "id": 79,
      "name": "Analysis"
    }
  ],
  "tools": [
    {
      "id": null,
      "name": "List Words - HTML (TAPoRware)",
      "detail": "This tool lists words in an HTML document, either uploaded by the user or from a web address. List Words works with relatively small texts of under a megabyte in size. It is part of the TAPoRware collection of tools; there are XML and plain text versions available as well.",
      "image_url": "images/tools/0/1.png",
      "star_average": 4,
      "tool_id": 1,
      "attribute_value_ids": ["79"]
    }
  ],
}
```

.....

Get
tools/featured

Description:
 allows administrator to set a list of featured tools.

	Type	Description
id		The id of the tool
user_id	int	Id of user who entered the tool information
name	string	The tool's name
detail	string	Details about the tool
is_approved	boolean	?
image_url	string	The URL address of image
creators_name	string	The names of tool's creators
creators_url	string	The emails of tool's creators
star_average		Tool rating based on users' satisfaction
url	string	The URL address of tool
last_updated	string	
nature	string	The type of entry (there is 2 types of entry in the system: tool and code)
language		null
code		null
repository	string	?
thumb_url	string	The URL address of image
rating_count		The number of amount of rating
recipes	string	The recipe discusses ways to find materials for analysing by this tool

Example:

```
[
  {
    "id": 574,
    "user_id": 937,
    "name": "Voyant Tools 2.0 (Corpus View)",
    "detail": "Voyant 2.0 is a complete rewrite of Voyant. It provides a suite of text analysis tools that will work with most texts you can upload or find on the web. These tools are combined in skins. For documentation see <a href='\"http://voyant-tools.org/docs/\">Documentation for Voyant 2.0</a>",
    "is_approved": true,
    "image_url": "images/tools/1/574.png",
    "creators_name": "Stéfan Sinclair and Geoffrey Rockwell",
    "creators_email": "stefan.sinclair@mcgill.ca",
    "creators_url": "http://stefansinclair.name/",
    "star_average": 5,
    "url": "http://voyant-tools.org",
```

```

    "last_updated": "2017-11-02",
    "nature": "tool",
    "language": null,
    "code": null,
    "repository": "",
    "thumb_url": "images/tools/1/574-thumb.png",
    "rating_count": 1,
    "recipes": "<p><a href=\"http://methodi.ca/recipes/how-find-electronic-texts\"
target=\"_blank\">How To Find Electronic Texts</a></p>"
  },
],

```

.....

.....

Get tools/:id/tags

Description:

returns the tag for tool (that created by the user) by the id parameter. The response has two part:

1. System: system's tags
2. user: shows a list of particular tags that user create for the tool

System:

Name	Type	Description
text		Name of the tag
weight	string	How many times a particular tag is used
id	int	The id of the tag

Example:

```

{
  "system": [
    {
      "text": "english (language)",
      "weight": 1,
      "id": 497
    },
    {
      "text": "2000s",
      "weight": 1,
      "id": 474
    }
  ]
}

```

```

    },
    {
      "text": "collocation",
      "weight": 1,
      "id": 477
    }
  ],
  "user": []
}

```

.....

.....

Get
tools/:id/ratings

Description: gets back the user's rating for each tool by the id parameter.

Name	Type	Description
system	float	?
rating_count	int	The number of amount of rating

```

{
  "system": 0,
  "rating_count": 0
}

```

.....

.....

Get
tools/:id/comments

Description:

Returns a list of comment for each tool. It has 3 parts:

1. content of the comment:
2. tool's information
3. user information

Content of comment:

Name	Type	Description
id	int	The id of the tool
content	string	The description of the tool in HTML format
is_pinned	boolean	If the comment is pinned, it is shown on the top
is_hidden	boolean	?
index	int	It is used for sorting the comments

Tool:

Name	Type	Description
id	int	The id of the tool
name	string	The name of the tool

User:

name	Type	Description
id		ID of the user. it has not a default value.
name	string	The name of user who entered the tool information
email	string	The email of user who entered the tool information
is_email_publishable	boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	The URL address of image
is_blocked	boolean	The user is blocked or not.
is_admin	boolean	Shows that the user is an administrator or not.

Example:

```
[{
  "id": 67,
  "content": "<p><strong><em>Collocation (XML)</em></strong> is a free, web-based tool
designed to run in a browser window. It is easy to use, designed to provide a <strong>list of
words</strong> surrounding a user-specified word or pattern (in this case, a regular expression)
within a document, either hosted at a web address or uploaded from the user's files.</p>
<p>Users may set the <strong>context</strong> to words, lines or sentences, specify what
```

length of that context to look within (ex: 5 words, 2 sentences), or limit the search only to words appearing within specified XML tags, attributes or values. Searching a `pattern` rather than a word requires skill with `regular expressions` and is thus not accessible to all users.

Other features include an option to exclude words appearing in the Glasgow `stop list` from the list of collocates, output formats including `XML Tree` and `tab delimited`, plus the choice to sort collocates by frequency, alphabetically or by `Z-score`.

This tool has only two minor `problems`. When the tab delimited output is selected, the tool may not process some characters correctly; please see List Words (Plain Text) for examples. When counting unique words among the collocates, the tool includes blank spaces, some punctuation and words immediately following a single quote (ex: "but"); users are advised to adjust tool counts accordingly.

`In summation, Collocation (XML) is an effective way to determine all words surrounding a given word or pattern.` Versions are also available for HTML and plain text documents.

```
"is_pinned": true,
"is_hidden": false,
"index": 0,
"tool": {
  "id": 42,
  "name": "Collocation - XML (TAPoRware)"
},
"user": {
  "id": 9,
  "name": "Amy Dyrbye",
  "email": "",
  "is_email_publishable": false,
  "site": null,
  "affiliation": null,
  "position": null,
  "detail": null,
  "image_url": "/img/missing-person.png",
  "is_blocked": false,
  "is_admin": true
}
}]
```

.....
.....

[Get](#)
[tools/:id/view](#)

<Empty JSON content>

.....
.....

Get

tools/:id/attributes

Description:

Returns the list of tool's attributes by id parameter

?

Name	Type	Description
id	int	?
name	string	?
is_multiple	boolean	?
is_required	boolean	Shows that the tool's attributes need to be set or not
attribute_values	?	?

?

Name	Type	Description
id	int	The id of the attribute's type
name	string	The name of the tool's attribute
index		null

Example

```
[
  {
    "id": 1,
    "name": "Type of analysis",
    "is_multiple": true,
    "is_required": true,
    "attribute_values": [
      {
        "id": 1,
        "name": "Search",
        "index": null
      },
      {
        "id": 4,
        "name": "Visualization",
        "index": null
      }
    ]
  }
]
```

```
},
  {
    "id": 61,
    "name": "Collaboration",
    "index": null
  },
  {
    "id": 63,
    "name": "Natural Language Processing",
    "index": null
  },
  {
    "id": 65,
    "name": "Publishing",
    "index": null
  },
  {
    "id": 66,
    "name": "RDF",
    "index": null
  },
  {
    "id": 79,
    "name": "Analysis",
    "index": null
  },
  {
    "id": 80,
    "name": "Annotating",
    "index": null
  },
  {
    "id": 81,
    "name": "Capture",
    "index": null
  },
  {
    "id": 82,
    "name": "Content Analysis",
    "index": null
  },
  {
    "id": 83,
    "name": "Creation",
    "index": null
  },
}
```

```
    {
      "id": 84,
      "name": "Dissemination",
      "index": null
    },
    {
      "id": 85,
      "name": "Enrichment",
      "index": null
    },
    {
      "id": 86,
      "name": "Gathering",
      "index": null
    },
    {
      "id": 87,
      "name": "Interpretation",
      "index": null
    },
    {
      "id": 88,
      "name": "Modeling",
      "index": null
    },
    {
      "id": 89,
      "name": "Organizing",
      "index": null
    },
    {
      "id": 90,
      "name": "Storage",
      "index": null
    },
    {
      "id": 91,
      "name": "Uncategorized",
      "index": null
    },
    {
      "id": 92,
      "name": "Web development",
      "index": null
    },
    {
```

```

    "id": 146,
    "name": "Discovering",
    "index": null
  },
  {
    "id": 147,
    "name": "Programming",
    "index": null
  }
],
"selected": [
  {"id": 1},
  {"id": 79},
  {"id": 146}
]
},
]

```

.....

.....

Get
[tools/:id/suggested](#)

<Empty JSON content>

.....

.....

Get
[tool_lists/latest](#)

Description:
 Returns a list of the ten latest tools that entered on the TAPoR portal

Name	Type	Description
id	int	The id o the tool
name	string	The name of the tool
detail	string	The description of the tool in HTML format
is_public	boolean	?
user		(next table)
is_featured	boolean	?

User:

name	Type	Description
id	int	ID of the user. it has not a default value.
uid	string	The id that is given by authentication provider
provider	string	The name of authenticator
name	string	?
email		null
is_email_publishable	Boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	The URL address of image ?
is_blocked	Boolean	Shows that the user is blocked or not.
is_admin	Boolean	Shows that the user is an administrator or not.
created_at	string	?
updated_at	string	?

tool_list_items

Name	Type	Description
id	int	The id of the tool
notes	string	?
tool		(next table)

Tool:

Name	Type	Description
id	int	The id of the tool
name	string	The name of the tool
star_average	string	Tool rating based on users' satisfaction
thumb_url	string	The URL address of image for tool

tool_list_user_roles

Name	Type	Description
id	int	?
is_follower	string	?
is_editor	table	?
user		(next table)

User:

Name	Type	Description
id	int	?
name	string	?
image_url	table	?

Example:

```
[
  {
    "id": 12,
    "name": "TATR: Text Analysis for Twitter Research",
    "detail": "This list compiles a suite of tools that make up Kynan Ly's Text Analysis for
Twitter Research (TATR) Library. Recipes to these notebooks can be found on methodi.ca",
    "is_public": true,
    "user": {
      "id": 1128,
      "uid": "109598139325045983555",
      "provider": "google_oauth2",
      "name": "Jason Bradshaw",
      "email": null,
      "is_email_publishable": false,
      "site": null,
      "affiliation": null,
      "position": null,
      "detail": null,
      "image_url": "https://lh3.googleusercontent.com/-
XdUIqdMkCWA/AAAAAAAAAAAI/AAAAAAAAAAA/4252rscbv5M/photo.jpg",
      "is_blocked": false,
      "is_admin": true,
      "created_at": "2018-03-02T19:45:09.000Z",
      "updated_at": "2018-04-19T21:21:02.000Z"
    },
    "is_featured": false,
    "tool_list_items": [
```



```
{
  "id": 122,
  "notes": "",
  "tool": {
    "id": 684,
    "name": "Panda Dataframe Manipulation",
    "star_average": 0,
    "thumb_url": "images/tools/1/684-thumb.png"
  }
},
{
  "id": 123,
  "notes": "",
  "tool": {
    "id": 686,
    "name": "Tokenization and Extraction of Twitter Data",
    "star_average": 0,
    "thumb_url": "images/tools/1/686-thumb.png"
  }
},
{
  "id": 124,
  "notes": "",
  "tool": {
    "id": 682,
    "name": "General Inquirer Category",
    "star_average": 0,
    "thumb_url": "images/tools/1/682-thumb.png"
  }
},
{
  "id": 125,
  "notes": "",
  "tool": {
    "id": 683,
    "name": "Graphing Twitter Data",
    "star_average": 0,
    "thumb_url": "images/tools/1/683-thumb.png"
  }
},
{
  "id": 126,
  "notes": "",
  "tool": {
    "id": 681,
    "name": "Finding Popular Hashtags",
```

```
    "star_average": 0,
    "thumb_url": "images/tools/1/681-thumb.png"
  },
  {
    "id": 127,
    "notes": "",
    "tool": {
      "id": 685,
      "name": "Panda and CSV of Tweets",
      "star_average": 0,
      "thumb_url": "images/tools/1/685-thumb.png"
    }
  }
],
"tool_list_user_roles": [ {
  "id": 12,
  "is_follower": true,
  "is_editor": true,
  "user": {
    "id": 1128,
    "name": "Jason Bradshaw",
    "image_url": "https://lh3.googleusercontent.com/-
XdUIqdMkCWA/AAAAAAAAAAAI/AAAAAAAAAAAA/4252rscbv5M/photo.jpg"
  }
}]
},
],
```

.....
.....

Get
[tool_lists/related_by_tool/:id](#)

<Empty JSON content>

.....
.....

Get
[tool_lists/related_by_list/:id](#)

```
{
  "status": "404",
```

```
"error": "Not Found"
}
```

.....
.....

Get

tool_lists/by_curator/:id

<Empty JSON content>

.....
.....

Get

tool_lists/featured

Description:

Returns a list of the latest featured tools

Name	Type	Description
id	int	The id o the tool
name	string	The name of the tool
detail	string	The description of the tool in HTML format
is_public	boolean	?
user		(next table)

User:

name	Type	Description
id	int	ID of the user. it has not a default value.
uid	string	The id that is given by authentication provider
provider	string	The name of authenticator
name	string	The name of creator?
email		null
is_email_publishable	Boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	The URL address of image
is_blocked	Boolean	Shows that the user is blocked or not.
is_admin	Boolean	Shows that the user is an administrator or not.
created_at	string	?
updated_at	string	?

tool_list_items

Name	Type	Description
id	int	The id of the tool
notes	string	?
tool		(next table)

Tool:

Name	Type	Description
id	int	The id of the tool
name	string	The name of the tool
star_average	string	Tool rating based on users' satisfaction
thumb_url	string	The URL address of image for tool

tool_list_user_roles

Name	Type	Description
id	int	?
is_follower	string	?
is_editor	table	?
user		(next table)

User:

Name	Type	Description
id	int	?
name	string	?
image_url	table	?

Example:

```
[
  {
    "id": 2,
    "name": "Introductory Social Media Analysis",
    "detail": "This list contains a number of tools that focus on exploring and analyzing social media through different approaches. It focuses on several networks, though twitter is the most common focus. This is a good introduction to a wide variety of tools that vary both in difficulty and type of analysis.",
    "is_public": true,
    "user": {
      "id": 936,
      "uid": "103864334508880796944",
      "provider": "google_oauth2",
      "name": "Grady Zielke",
      "email": null,
      "is_email_publishable": false,
      "site": null,
      "affiliation": null,
      "position": null,
      "detail": null,
      "image_url": "https://lh3.googleusercontent.com/-D_rgT7l42uo/AAAAAAAAAAAI/AAAAAAAAAAA/MPKm-Y9FLFA/photo.jpg",
      "is_blocked": false,
      "is_admin": true,
      "created_at": "2016-03-01T19:43:33.000Z",
      "updated_at": "2016-03-10T16:05:30.000Z"
    }
  }
]
```

```
    },
    "is_featured": true,
    "tool_list_items": [
      {
        "id": 32,
        "notes": "twXplorer is useful for finding recent tweets about a topic, doing simple analysis of the data, and storing that data for later. It's a quick, light, web-based method of jumping into social media analysis.",
        "tool": {
          "id": 473,
          "name": "twXplorer",
          "star_average": 0,
          "thumb_url": "images/tools/0/473-thumb.png"
        }
      },
      {
        "id": 33,
        "notes": "Netvizz is another light application that allows users to quickly jump into analysis of social media, this time using Facebook. It extracts datasets from Facebook that can then be used with a number of other applications.",
        "tool": {
          "id": 456,
          "name": "Netvizz",
          "star_average": 0,
          "thumb_url": "images/tools/0/456-thumb.png"
        }
      },
      {
        "id": 34,
        "notes": "Umigon is a more in depth tool for the analysis of tweets. It can take tweets and do sentiment analysis, which can provide useful data for a number of types of studies.",
        "tool": {
          "id": 500,
          "name": "Umigon",
          "star_average": 0,
          "thumb_url": "images/tools/1/500-thumb.png"
        }
      },
      {
        "id": 35,
        "notes": "Netlytic is another web-based tool for the analysis of social media. It works on a variety of platforms, and can do much of the capture, analysis, and exporting to other programs by itself.",
        "tool": {
          "id": 467,
          "name": "Netlytic",
```

```

    "star_average": 0,
    "thumb_url": "images/tools/0/467-thumb.png"
  },
  {
    "id": 36,
    "notes": "Overview does a variety of useful functions, including being able to sort a large
corpus based on topic. This is very useful when combined with a number of other tools in this
list, as it allows for quick categorization of scraped social media data.",
    "tool": {
      "id": 451,
      "name": "Overview",
      "star_average": 0,
      "thumb_url": "images/tools/0/451-thumb.png"
    }
  },
  {
    "id": 37,
    "notes": "Timeline JS is used to organize information according to time. It can run from a
number of different data types, and can also draw data from some websites and types of social
media by itself.",
    "tool": {
      "id": 193,
      "name": "Timeline JS",
      "star_average": 0,
      "thumb_url": "images/tools/0/193-thumb.png"
    }
  }
],
"tool_list_user_roles": [ {
  "id": 2,
  "is_follower": true,
  "is_editor": true,
  "user": {
    "id": 936,
    "name": "Grady Zielke",
    "image_url": "https://lh3.googleusercontent.com/-
D_rgT7l42uo/AAAAAAAAAAAI/AAAAAAAAAAA/MPKm-Y9FLFA/photo.jpg"
  }
}
}],
},
],

```

.....
.....

[Get](#)

tags

Description:

returns all the tags in the system

Name	Type	Description
id		
text	string	Name of the tag
weight	int	How many times a particular tag is used

Example:

```
[  
  {  
    "id": 1,  
    "text": "visualization",  
    "weight": 47  
  },  
]
```

.....
.....

Get

comments/latest

Description:

Returns the list of latest comments that entered on the TAPoR portal

Content of comments

Name	Type	Description
id	int	The id of the tool
content	string	The description of the tool in HTML format
is_pinned	boolean	If the comment is pinned, it is shown on the top
is_hidden	boolean	?
index	int	It is used for sorting the comments

Tool:

Name	Type	Description
------	------	-------------

id	int	The id of the tool
name	string	The name of the tool

User:

name	Type	Description
id		ID of the user. it has not a default value.
name	string	The name of user who entered the tool information
email	string	The email of user who entered the tool information
is_email_publishable	boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	The URL address of image
is_blocked	boolean	Shows that the user is blocked or not.
is_admin	boolean	Shows that the user is an administrator or not.

Example:

```
[
  {
    "id": 1570,
    "content": "<p>Hello again,</p>\n<p>I am the developer of this tool. Today, I would like to
announce that we have new detailed tutorial analysing <em>Anne of Green
Gables</em>!\n<p>\n<p>Part I: <a
href=\"http://www.ritsumei.ac.jp/file.jsp?id=325881\">http://www.ritsumei.ac.jp/file.jsp?id=325
881</a></p>\n<p>Part II: <a
href=\"http://www.ritsumei.ac.jp/file.jsp?id=346128\">http://www.ritsumei.ac.jp/file.jsp?id=346
128</a></p>\n<p>This article introduces a two-step approach to performing quantitative
content analysis of text data. First, an outline of the approach is briefly described. Second, the
procedure of using the approach to analyze the novel <em>Anne of Green Gables</em> is
described as a tutorial. Third, the features of the approach are discussed with reference to the
results of the analysis.</p>\n<p>The tutorial section allows readers to simulate the same
analysis on their own personal computers. We use free software and most of the necessary
operations are illustrated in figures. The subject of the analysis is the popular novel <em>Anne
of Green Gables</em>. It is pointed out that the heroine Anne's foster mother Marilla plays an
essential role in the novel and that Marilla is more important than Anne's best friend Diana, and
```

Gilbert with whom Anne has a faint romance. In the analysis of the tutorial, we examine whether the quantitative analysis based on the two-step approach also illustrates the importance of Marilla.

```
"is_pinned": false,
"is_hidden": false,
"index": null,
"tool": {
  "id": 437,
  "name": "KH Coder"
},
"user": {
  "id": 1096,
  "name": "KH Coder",
  "email": "",
  "is_email_publishable": false,
  "site": null,
  "affiliation": null,
  "position": null,
  "detail": null,
  "image_url":
"http://pbs.twimg.com/profile_images/466579680342974464/L09Z_bCQ_normal.png",
  "is_blocked": false,
  "is_admin": false
}
},
]
```

.....

Patch

Patch methods can be used to update partial resources.

Patch

tools/:id/tags

Name	Type	Description
text		Name of the tag
weight	string	How many times a particular tag is used
id	int	The id of the tag

Example:

```
{
  "system": [
    {
      "text": "english (language)",
      "weight": 1,
      "id": 497
    },
    {
      "text": "2000s",
      "weight": 1,
      "id": 474
    },
    {
      "text": "collocation",
      "weight": 1,
      "id": 477
    }
  ],
  "user": []
}
```

.....
.....

Patch

tools/:id/ratings

Name	Type	Description
system	float	?
rating_count	int	The number of amount of rating

Example:

```
{
  "system": 0,
```

```
"rating_count": 0
}
```

Patch

tools/:id/comments

Description:

Returns a list of comment for each tool. It has 3 parts:

1. content of the comment:
2. tool's information
3. user information

Content of comment:

Name	Type	Description
id	int	The id of the tool
content	string	The description of the tool in HTML format
is_pinned	boolean	If the comment is pinned, it is shown on the top
is_hidden	boolean	?
index	int	It is used for sorting the comments

Tool:

Name	Type	Description
id	int	The id of the tool
name	string	The name of the tool

User:

name	Type	Description
id		ID of the user. it has not a default value.
name	string	The name of user who entered the tool information
email	string	The email of user who entered the tool information
is_email_publishable	boolean	Shows that is the email address of the user publishable or not
site		null
affiliation		null
position		null
detail		null
image_url	string	The URL address of image
is_blocked	boolean	Shows that the user is blocked or not.
is_admin	boolean	Shows that the user is an administrator or not.

Example:

```
[{
  "id": 67,
  "content": "<p><strong><em>Collocation (XML)</em></strong> is a free, web-based tool
designed to run in a browser window. It is easy to use, designed to provide a <strong>list of
words</strong> surrounding a user-specified word or pattern (in this case, a regular expression)
within a document, either hosted at a web address or uploaded from the user's files.</p>
<p>Users may set the <strong>context</strong> to words, lines or sentences, specify what
length of that context to look within (ex: 5 words, 2 sentences), or limit the search only to words
appearing within specified XML tags, attributes or values. Searching a
<strong>pattern</strong> rather than a word requires skill with <strong>regular
expressions</strong> and is thus not accessible to all users.</p> <p>Other features include an
option to exclude words appearing in the Glasgow <strong>stop list</strong> from the list of
collocates, output formats including <strong>XML Tree</strong> and<strong> tab
delimited</strong>, plus the choice to sort collocates by frequency, alphabetically or by
<strong>Z-score</strong>.</p> <p>This tool has only two minor <strong>problems</strong>.
When the tab delimited output is selected, the tool may not process some characters correctly;
please see List Words (Plain Text) for examples. When counting unique words among the
collocates, the tool includes blank spaces, some punctuation and words immediately following a
single quote (ex: 'but); users are advised to adjust tool counts accordingly.</p>
<p><strong><em>In summation, Collocation (XML) is an effective way to determine all words
surrounding a given word or pattern.</em></strong> Versions are also available for HTML and
plain text documents.</p>",
  "is_pinned": true,
  "is_hidden": false,
```

```
"index": 0,  
"tool": {  
  "id": 42,  
  "name": "Collocation - XML (TAPoRware)"  
},  
"user": {  
  "id": 9,  
  "name": "Amy Dyrbye",  
  "email": "",  
  "is_email_publishable": false,  
  "site": null,  
  "affiliation": null,  
  "position": null,  
  "detail": null,  
  "image_url": "/img/missing-person.png",  
  "is_blocked": false,  
  "is_admin": true  
}  
}]
```

Post

Post methods change the databases and the administrator does this.

<Empty JSON content>

.....
.....

Post

tools/:id/view

<Empty JSON content>

.....
.....

Post

tools/featured

Description:

Allows administrator to set a list of featured tools.

Name	Type	Description
id		The id of the tool
user_id	int	Id of the user who changes the tool's information
name	string	The tool's name
detail	string	Details about the tool
is_approved	boolean	?
image_url	string	The URL address of image
creators_name	string	The names of tool's creators
creators_url	string	The emails of tool's creators
star_average		Tool rating based on users' satisfaction
url	string	The URL address of tool
last_updated	string	The date of last updating
nature	string	The type of entry (there is 2 types of entry in the system: tool and code)
language		null
code		null
repository	string	?
thumb_url	string	The URL address of image
rating_count		The number of amount of rating
recipes	string	The recipe discusses ways to find materials for analysing by this tool

Example:

```
[
  {
    "id": 574,
    "user_id": 937,
    "name": "Voyant Tools 2.0 (Corpus View)",
    "detail": "Voyant 2.0 is a complete rewrite of Voyant. It provides a suite of text analysis tools that will work with most texts you can upload or find on the web. These tools are combined in skins. For documentation see <a href='\"http://voyant-tools.org/docs/\">Documentation for Voyant 2.0</a>",
    "is_approved": true,
    "image_url": "images/tools/1/574.png",
    "creators_name": "Stéfan Sinclair and Geoffrey Rockwell",
    "creators_email": "stefan.sinclair@mcgill.ca",
    "creators_url": "http://stefansinclair.name/",
    "star_average": 5,
    "url": "http://voyant-tools.org",
    "last_updated": "2017-11-02",
```

```
"nature": "tool",
"language": null,
"code": null,
"repository": "",
"thumb_url": "images/tools/1/574-thumb.png",
"rating_count": 1,
"recipes": "<p><a href=\"http://methodi.ca/recipes/how-find-electronic-texts\"
target=\"_blank\">How To Find Electronic Texts</a></p>"
},
.....
```