

- [1 About Askalot](#)
- [2 User manual](#)
- [3 Installation manual](#)
 - [3.1 Steps for global view setup](#)
 - [3.2 Steps for unit view setup](#)
- [4 Instructor administration manual](#)

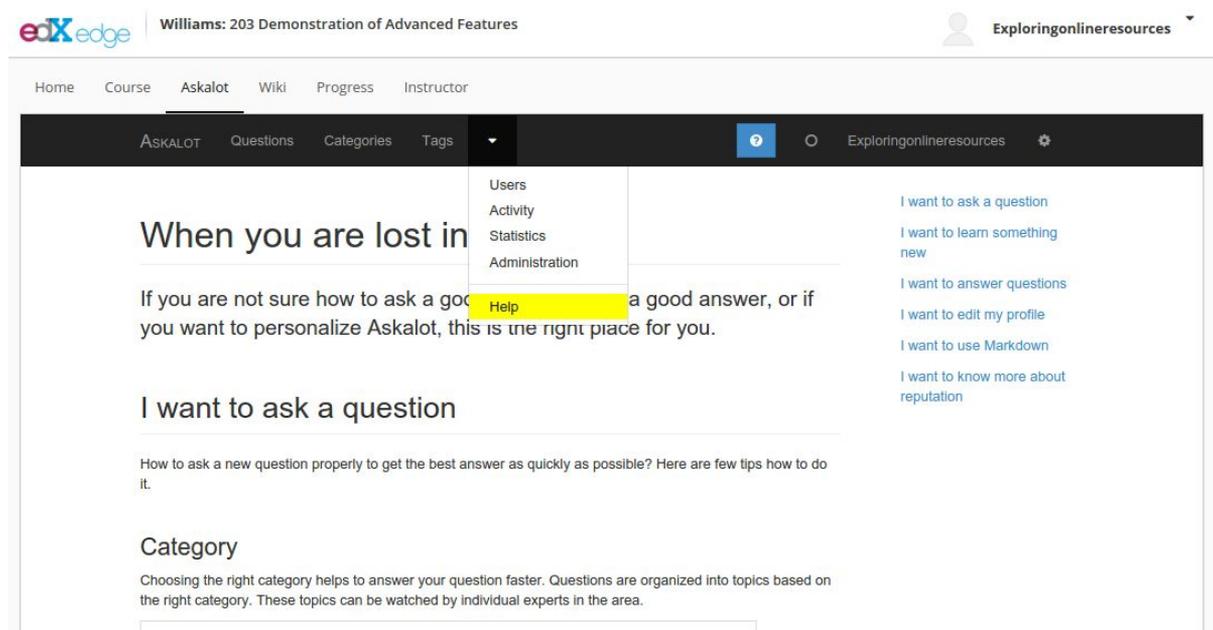
Askalot guide

1 About Askalot

Askalot is a Community Question Answering (CQA) system developed at Faculty of Informatics and Information Technologies at Slovak University of Technology in Bratislava. It contains standard CQA features like asking/answering questions, commenting and voting questions and answers; social features like following user activity; and organises content into categories and tags. Moreover, teachers are able to mark good questions and answers, and their answers are highlighted.

2 User manual

User manual is included directly in Askalot in section Help that is accessible from global view as is shown in Picture 1.



Picture 1. Askalot user manual

Contact: askalot@fiit.stuba.sk

Web page: <http://teamasked.github.io/en.html>

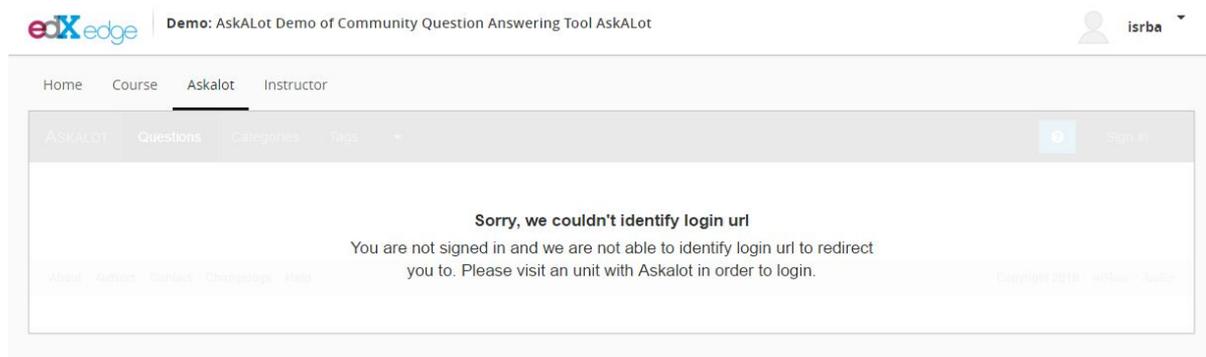
3 Installation manual

This manual is dedicated to instructors/teachers of edX courses, and defines the process of inserting Askalot as a course page (*global view*) and integrate it into course units (*unit view*).

3.1 Steps for global view setup

1. Open edX in studio mode (<https://studio.edge.edx.org>) with corresponding course.
2. Go to page settings by clicking *Content* -> *Pages* and create a new page. Press *Edit* button and in settings tab set *Display Name* to *Askalot* and in *Editor* attribute select *Raw*.
3. Open page editor and replace all default content with the following HTML code:

```
<script
src="https://askalot.fiit.stuba.sk/edx/assets/mooc/public.js"></script>
<div id="askalot-wrapper"></div>
```
5. Save changes, open course and go to Askalot page in the course main menu. If there is an information message as shown in Picture 2, you have correctly set up the first part of Askalot global view.



Picture 2. Askalot global view when user is not logged in

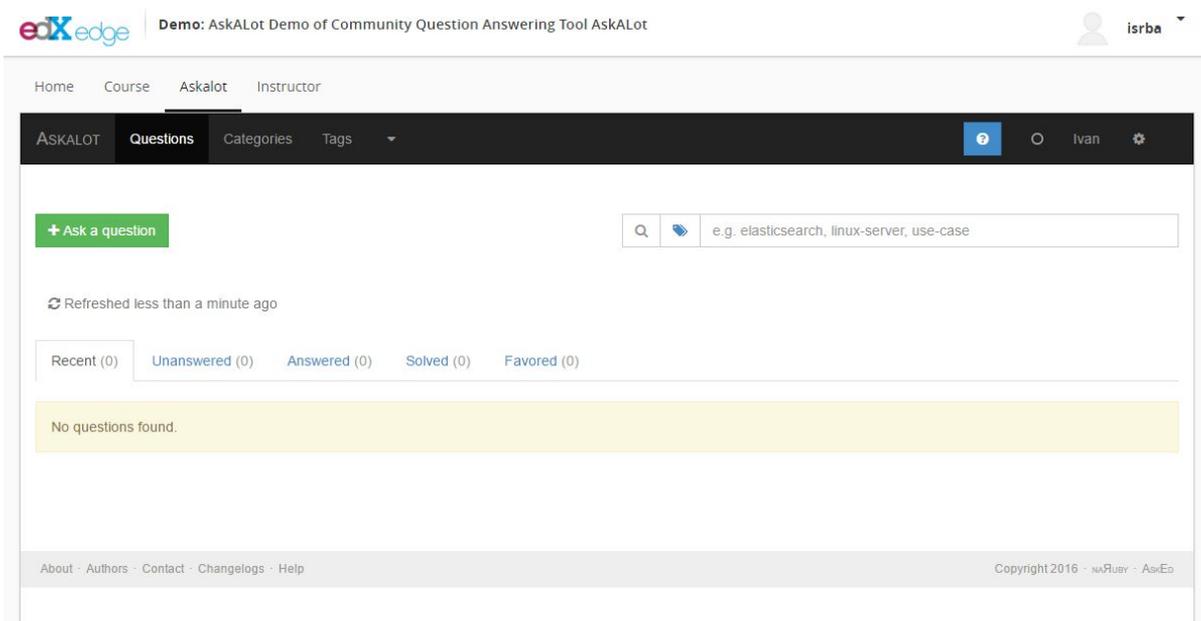
6. In order to finish setting the global view, you need to setup at least one unit view. Please continue by setting up unit view by following instructions in *Steps for unit view setup* (Section 3.2).
7. After you set up at least one unit view correctly, copy URL address of the first unit and update HTML source of page with Askalot global view accordingly (replace `URL_TO_UNIT` with real unit URL, e.g. <https://edge.edx.org/courses/course-v1:Demo+AskALot+T1/courseware/ccafab4057eb4779af4e539f988ab0a8/afb480f4d7fa44d9bd243a78b2351219/>).

```
<script
src="https://askalot.fiit.stuba.sk/edx/assets/mooc/public.js"></script>
<div id="askalot-wrapper">
  <span id="login-url" style="display: none;"> URL_TO_UNIT</span>
</div>
```

8. You should now be able to see Askalot correctly as shown in Picture 3.

Contact: askalot@fiit.stuba.sk

Web page: <http://teamasked.github.io/en.html>



Picture 3. Askalot global view

3.2 Steps for unit view setup

1. Open edX in studio mode (<https://studio.edx.org>) with corresponding course.
2. Go to advanced settings by clicking *Settings* -> *Advanced Settings*.
3. In section *Advanced Module List* add module "lti":

```
[
  "lti"
]
```

4. In the section *LTI passports* add LTI passport with key and secret which you were provided. The name part *LTI of passport* should be *askalot*.

```
[
  "askalot:askalot_key:askalot_secret"
]
```

5. Click *Content* -> *Outline* in the top menu and select a unit in which you want to add Askalot.
6. In the edit unit page add new component by clicking on *Advanced* icon in part labeled *Add New Component* located in the bottom of the page. After you click on *Advanced* icon, please select *LTI* and new unit component will be created. If unit contains more LTI components, please, position this component as the last LTI component of the unit.
7. Click on *Edit* icon to edit the newly added LTI component and setup settings for Askalot:
 - a. In the section *Custom Parameters* add pair *page_url* and url address that leads to Askalot global view of unit course (e.g. *page_url=https://edge.edx.org/courses/course-v1%3ADemo%2BAskALot%2BTI/a2c612e6676b4abb9d312d31180b1f8e/*).

Contact: askalot@fiit.stuba.sk

Web page: <http://teamasked.github.io/en.html>

- b. In the section *Display name* add value *Askalot*.
- c. Set *Hide External Tool* to *false*.
- d. In the section *LTI ID* set the value *askalot*.
- e. In the section *LTI URL* set the value <https://askalot.fiit.stuba.sk/edx/default/units>.
- f. Set *Open in New Page* to *false*.
- g. Set *Request user's email* to *true*.
- h. Set *Request user's username* to *true*.
- i. Save changed settings of LTI component.

Custom Parameter	page_url=ASKALOT_GLOBAL_VIEW_URL
Display name	Askalot
Hide External Tool	false
LTI ID	askalot
LTI URL	https://askalot.fiit.stuba.sk/edx/default/units
Open in New Page	false
Request user's email	true
Request user's username	true

8. Besides LTI component, add a new unit component by selecting *raw html* type and provide the following content:

```
<script src="https://askalot.fiit.stuba.sk/edx/assets/mooc/public.js">
</script>
```

9. Publish new content of the unit.
Note. Askalot is not working in studio mode because LTI is not sending all required parameters. In order to verify, whether unit view was set up correctly, please, click *Preview* or publish the unit and view live version. Now you should see Askalot unit view with the possibility to add a new question as it is shown in Picture 4.
10. Repeat the same setting process for all units you want to use Askalot with.

Unsupervised Learning > K-means Clustering > Definition of k-means Clustering

VIEW UNIT IN STUDIO

Bookmark

k-means clustering is a method of vector quantization, originally from signal processing, that is popular for cluster analysis in data mining. k-means clustering aims to partition n observations into k clusters in which each observation belongs to the cluster with the nearest mean, serving as a prototype of the cluster. This results in a partitioning of the data space into Voronoi cells.

[Source of sample text: [Wikipedia](#)]

STAFF DEBUG INFO

Askalot (External resource)

New question

No questions found.

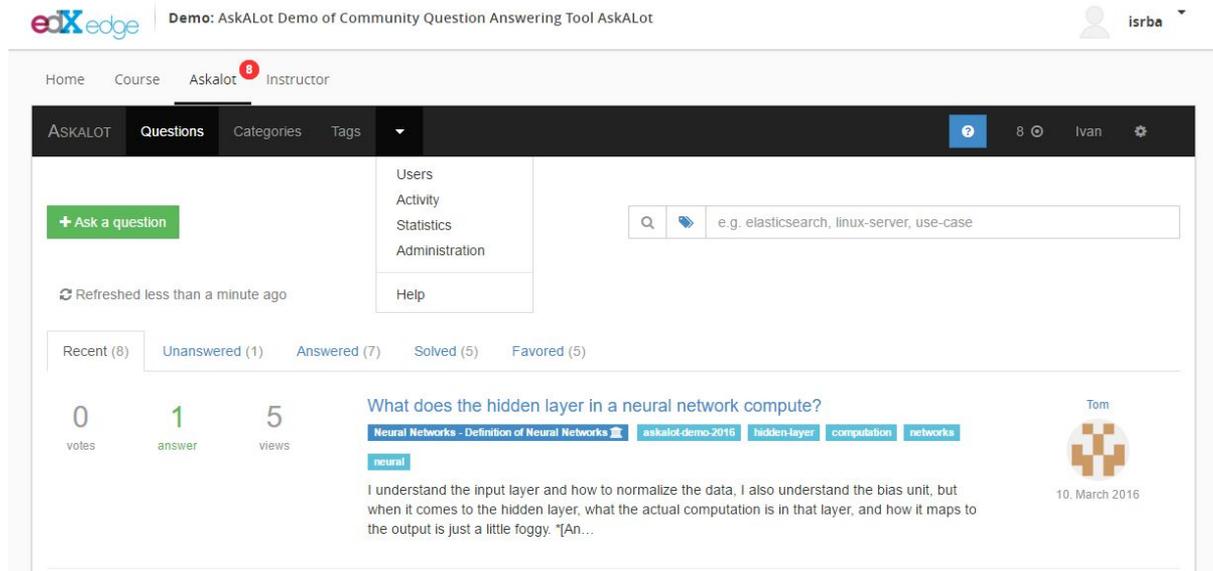
STAFF DEBUG INFO

STAFF DEBUG INFO

Picture 4. Discussion in unit view

4 Instructor administration manual

Askalot administration is accessible only to instructors/teachers. To access administration click on the button *Administration* from Askalot main menu as shown in Picture 5.



Picture 5. Administration in main menu

Page with hierarchical content of current course will display as shown in Picture 6. There are several columns in that view:

- *category* - name of section, category, unit as in course structure,
- *tag* - relevant tag for the category,
- *sharable flag* - if checked, questions from previous courses in the same category will be shown in this category among new questions,
- *askable flag* - if checked, users are able to ask question for that category
Note: Users can ask questions only for these categories which are leafs in the category hierarchy.
- *new category* - for inserting new subcategory to tree structure.
- *edit category* - for changing category properties like parent in structure, tags or name,

Home Course Askalot ⁸ Instructor

ASKALOT Questions Categories Tags

Categories Add category

User roles Update settings

Changelogs

News

Community e-mail

▼ Demo of Community Question Answering Tool AskALot	askalot-demo-2016	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Machine learning		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Welcome Video	welcome-video	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Welcome Video - Welcome Video		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Introduction	intro	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Introduction - Definition of Machine Learning		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Supervised Learning		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Linear Regression	regression	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Linear Regression - Definition of Linear Regression		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▼ Support Vector Machines	svm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Picture 6. Teacher administration view