

Classroom Connect

User Documentation

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1. Introduction

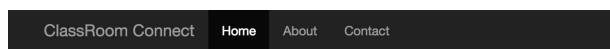
Classroom Connect is a product designed to help facilitate communication between students and professors in a lecture setting. Often times, many students are confused by the same topics during lecture. Classroom Connect software aims to let students communicate their confusion to the professor anonymously. Classroom Connect software also provides a platform for a professor to poll students about specific questions and receive results in real time.

2. Getting Started

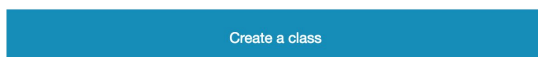
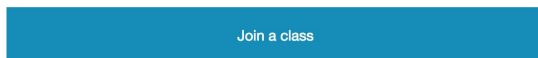
The first step in getting started with Classroom Connect is to decide whether or not you are planning on hosting a class or joining a class that already exists. Any user can perform either action. If you would like to host a class see Section 3 Create a Class, if you would like to join a class see Section 5 Join a Class.

3. Create a Class

In order to create a class first navigate to the home screen and click on the button labeled Create a class:



Either join a preexisting class or create your own:



[Join a preexisting class as a host](#)

ClassRoom Connect

Next, at the following screen enter in a name for your class and either leave the classroom ID box unaltered or enter in your own classroom ID. If the ID you enter is already in use a warning box will appear and you will be prompted to enter a new number.

[Home](#) [About](#) [Contact](#)

Create a class:

Example Class

Your classroom ID # is:

189

Start

Cancel

Next press start and the host screen will appear.

4. Using the Classroom Host

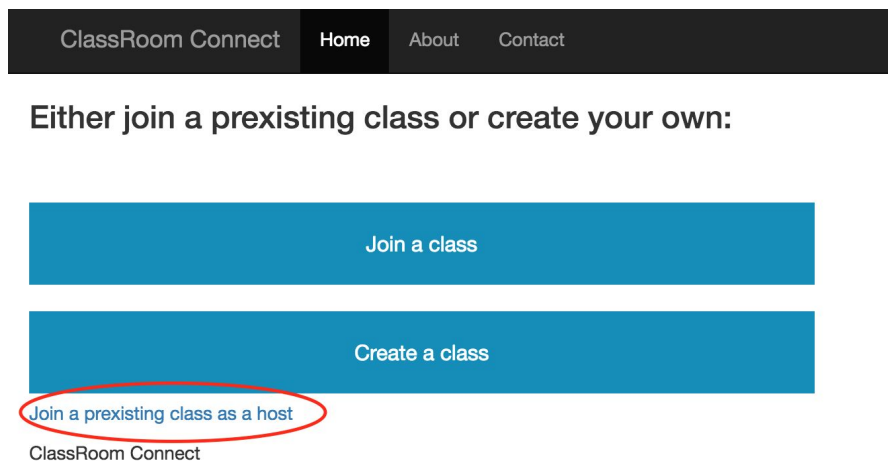
Using the Classroom Connect Host screen is simple. This screen displays two charts, the left chart showing the level of understanding of the students, the right chart showing the students' responses to poll questions as in the following image:



As the host you have the ability to view these charts and to reset the poll when a new question is asked. Typically the poll chart would be used by the professor in conjunction with the presentation they are giving. Throughout the course of the slideshow the professor can show a slide with 2 to four multiple choice answers and students can send in their responses. This is one way the professor can get feedback on how well the students understand the material.

The professor can also use the chart of student understanding to get an idea of how well students are following the lecture. This way if the professor says something particularly confusing he will see that the plot will fall quickly as students express their confusion.

A host may also join a pre-existing class as a host by clicking on the link shown in the following image on the home screen:



In order to join the class you must enter in a valid email and class ID in the following screen:

Email:

Class ID #

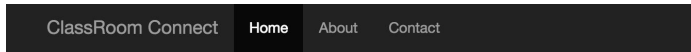
Join as Host

Cancel

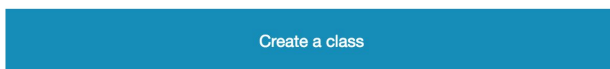
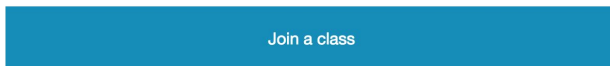
After clicking the button labeled Join as Host you will be directed to the host screen as described above.

5. Join a Class

In order to join a class first navigate to the home screen and click on the button labeled Join a Class:



Either join a preexisting class or create your own:



Join a preexisting class as a host

ClassRoom Connect

Next you must enter in a valid email and a valid class ID. The class ID must be composed only of numbers and must match the class ID provided by the host.

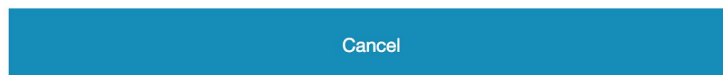


Email:

example@gmail.com

Class ID #

189



After clicking start you will be directed to the user screen:

The screenshot shows a web interface for Classroom Connect. At the top is a dark navigation bar with links: 'nnect', 'Home', 'About', and 'Contact'. Below this, the 'Class Number:' is '189' and the 'Email:' is 'example@gmail.com'. A section titled 'Poll Response' contains four radio button options: A, B, C, and D. Option D is selected. Below the options is a blue button labeled 'Send Poll Response'. Underneath that is a green button labeled 'ClassroomConnect Chat BETA'. A section titled 'The lecture is...' contains four blue buttons: 'Extremely Confusing', 'Somewhat Confusing', 'Pretty Good', and 'Very Good'. At the bottom of this section, a note states 'All answers are anonymous...Potentially'.

This screen displays the class number and your email in the top text. Here you have the option to send poll responses to the professor as well as express how well you understand what the professor is saying. By selecting one of the buttons labeled A-D and clicking the button labeled Send Poll Response you can send responses to polls. If you would like to change your answer you must simply click on a different option then click Send Poll Response again.

In order to indicate how well you understand what the professor is saying simply click on the button that most closely expresses how you are feeling about the lecture.

Users connected to a specific class may also use the Classroom Connect Chat BETA by clicking on the button labeled Classroom Connect Chat BETA. In this screen you can chat with other members of the class outside of the view of the host. This is designed so that students can ask each other questions anonymously or not.

6. Bugs & Issues

This is relatively new software therefore it is likely that there are bugs and other issues, some we know about others we do not. One issue that we are aware of is that the Classroom Chat provides complete anonymity for its users. This is not inherently bad, it will only be bad if students exploit this fact maliciously. Another issue is that we currently have not implemented a way to track and print specific users' responses to poll questions which is something that our

main competitor, IClicker, does provide. This means that our service cannot be used as a way to grade students or to take attendance. This is not necessarily a bad thing, it is just not something our product was designed to do.

One bug that we have discovered is that any user with the classroom ID (ie. any user connecting to the class) also has the ability to join the class as a host. In this capacity at most they could maliciously reset the poll if they wanted to, however outside of that there is not much they would be able to do.