

# The Whiteboard Interviewer

In-browser chat tool web app for code interviews

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- \* Helps interviewers better understand interviewees' thought processes
- \* Helps interviewees better communicate their thought processes and code
- \* Unlike sites like Skype, we have a built-in code editor and no need to sign up for an account
- \* Unlike existing code interview sites like [www.collabedit.com](http://www.collabedit.com), our site has built-in video and voice chat

# Peer-to-Peer Data Sharing

## The Whiteboard Interviewer

### Set up an Interview

Room name:

Interviewer's Email:

Interviewee's Email:

### Question 1:

Write a Java program that calculates the factorial of a non-negative integer and prints the result to the terminal.

### Question 1 Given Code:

```
public static void main(String[] args) {  
    //Insert code here  
}
```

+ Add Another Question

## The Whiteboard Interviewer

### Question 1:

Write a Java program that calculates the factorial of a non-negative integer and prints the result to the terminal.

```
1 public static void main(String[] args) {  
2     // insert code here  
3 }
```

Position: Ln 2, Ch 24      Total: Ln 3, Ch 64

Interviewer



Interviewee



- \* 1<sup>st</sup> webpage: Interview setup page for interviewer (left example)
- \* 2<sup>nd</sup> webpage: Interviewer waiting screen (like right example, except without interviewee)
- \* 3<sup>rd</sup> and 4<sup>th</sup> webpages: Interviewer and Interviewee views of the interview
  - \* Both are like right example, except Interviewer has “proceed to next question” and “end session” buttons

# Architecture

- \* Make with JavaScript and HTML5, and CSS
- \* Use WebRTC for voice and video chatting and highlight.js for syntax highlighting in the code editor
- \* Each computer accesses the other's mic, webcam and text data through the internet
- \* Risk of third party access is mitigated through system-generated one-time-use password sent to the interviewee

