

# Behind the stream

## 📌 Objectives

- Take a first look at the broadcaster's view.
- Get to know what happens “behind the stream” of a workshop
- See what the “broadcaster” sees and what they need to do.
- Not yet: learn details of how to do this.

## Instructor note

- Teaching: 20 min
- Q&A 10 min

In this episode, you'll see an end-to-end view of streaming from the broadcaster's point of view. It's a tour but not an explanation or tutorial.

## Who does what

We have certain role definitions:

- **Broadcaster:** Our term for the person who manages the streaming.
- **Director:** Person who is guiding the instructors to their sessions, changing the scenes, calling the breaks, etc.
  - Could be the same as broadcaster.
- **Instructor:** One who is teaching. They don't have to know anything else about how streaming works.

This lesson describes what the Broadcaster/Director sees.

## Window layouts

What does the broadcaster see on their screen?

- What are the main windows you see?
- What do each of them do?
- Which ones do you need to focus on?
- How do you keep all this straight in your head?

## CodeRefinery control panel

- A custom application that controls scenes
- Based on OBS-websocket (remote control connection for OBS - we'll learn about this later)
- Can also work remotely, so that you can have a remote director

## How scenes are controlled

What has to be done during a course?

- How do you start the stream?
- How do you change the view?
- How do you adjust things based on what the instructors share?
- How do you coordinate with the instructors?
- How do you know when to change the view?

## Getting it set up

- How hard was it to figure this out?
- How hard is it to set it up for each new workshop?

## What can go wrong

- What's the worst that has happened?
- What if you need to walk away for a bit?
- Someone broadcasts something unexpectedly

## Alternatives

- Youtube vs Twitch
- Zoom stream directly to YouTube/Twitch
- Direct streaming platform, e.g. streamyard

## Q&A

Q&A from audience

### 📌 Keypoints

- The broadcaster's view shouldn't be so scary.
- There is a lot to manage, but each individual part isn't that hard.

