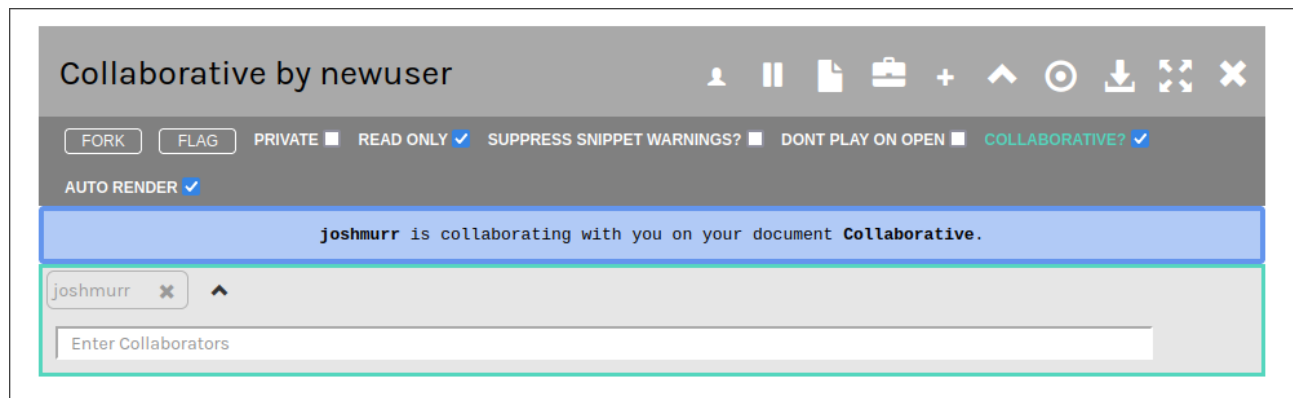


# Collaboration

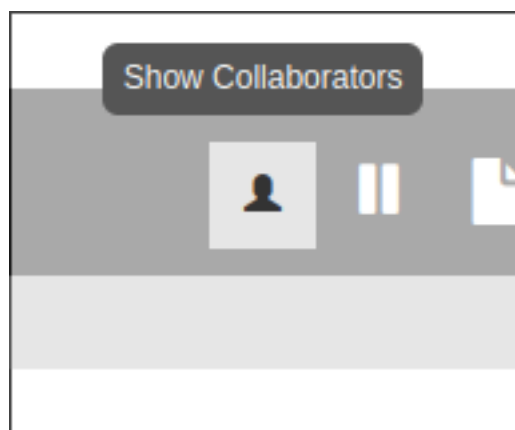
The Accelerate Editor is built around the concept that each live document is also *collaborative*. This means multiple people can work on the *same document* at the *same time*. You may have experienced this on something like Google Sheets or Figma before. This is a really powerful concept as it means many people could be building a VR world *together*, in *real time*, in VR!

## 1. Making a Collaborative Document

This is really simple, just open the document settings (the gear icon in the toolbar) and check the **COLLABORATIVE?** checkbox. Then you'll be asked to insert the **username** of the person (or people) you would like to collaborate with. Press enter and that's it! You'll see another blue pop up confirming your changes.



You can close the settings dropdown and click on the blue info box to close them if you wish. You can also click on the **Show Collaborators** button which has now appeared in the toolbar to see information about the collaborators. In this case the **owner** should be you, and the **collaborator** will be the username you entered. Of course it's important to know the exact username of the person you'd like to collaborate with.

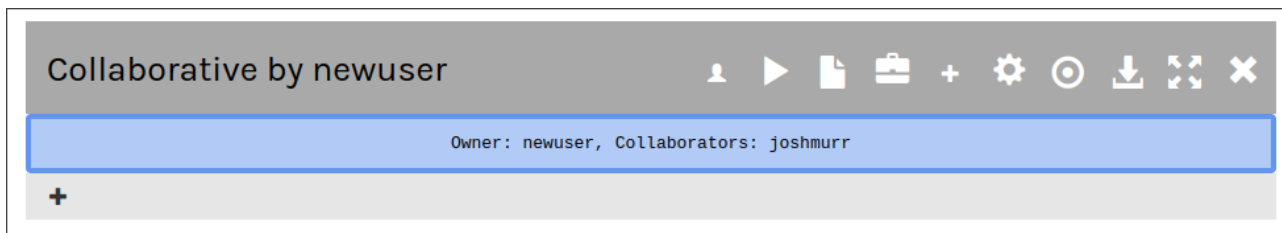


Your collaborator just needs the URL of the document to join in. Each document has a long unique ID which is in the URL of each document, you can use this URL to share your documents, and if you share the URL with a collaborator, they will be able to edit the document with you! The URL for this demo is this and yours will look very similar:

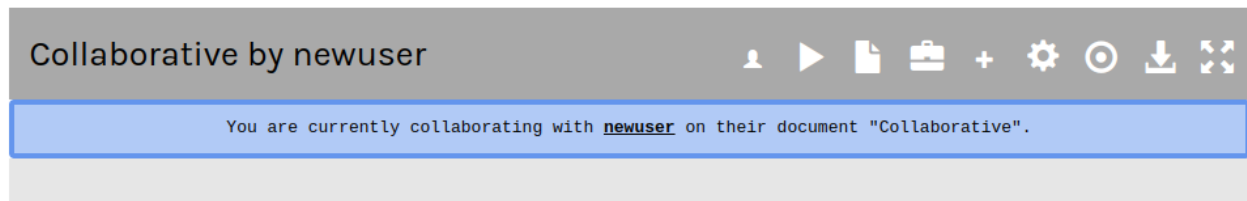
<https://accelerate-editor.web.app/code/193473d0-54a1-458f-0c8f-6025a34f1ab5>

If the user joshmurr (the collaborator) now opens that link and signs in, they will be able to edit the document. Conveniently that user is also me so I can edit this document with myself... :(

You can see the owner and the collaborator get slightly different information about the document. Owner:

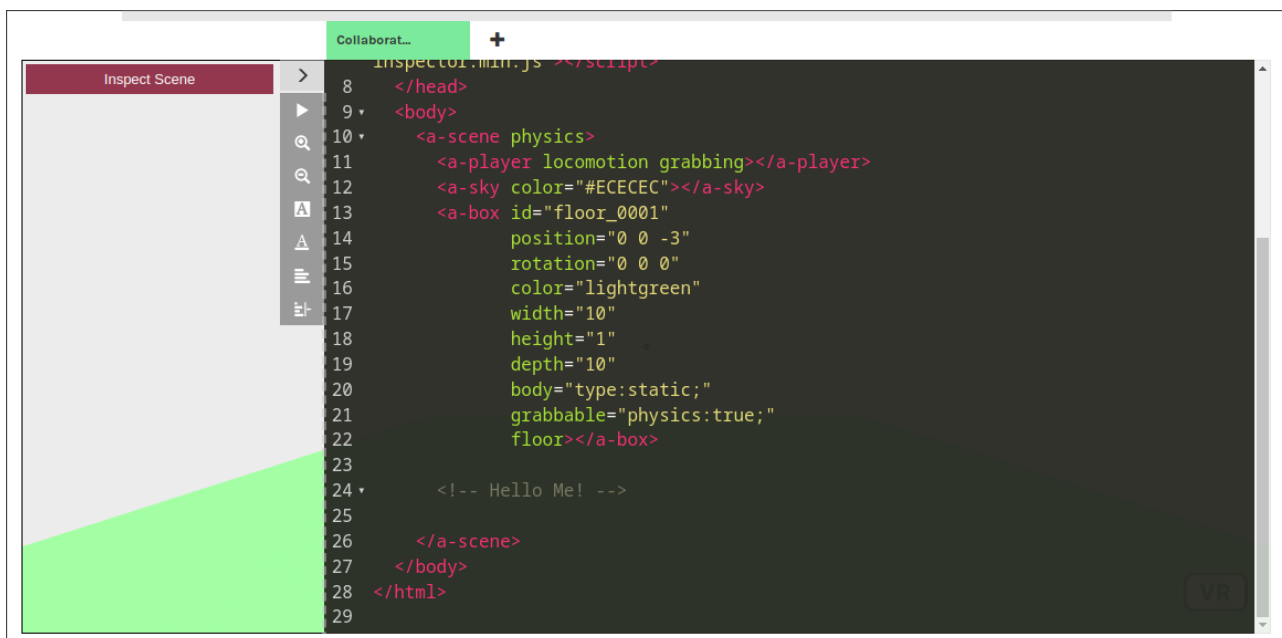


Collaborator:



If one person makes changes to the document then the other user's document is updated in **real time**! If I leave a **HTML comment** as a collaborator, the owner sees the changes happening and an indication of the cursor position of the other user.

Collaborator:



Owner:

```
20         body="type:static;"
21         grabbable="physics:true;"
22     floor></a-box>
23
24     <!-- Hello Me! -->
25
26     </a-scene>
```

Given that an Accelerate Editor document is a live document any changes made (whether by typing in the code editor, adding snippets or editing through the Scene Inspector) will be reflected in the document and thus shown in all the collaborators documents too.

Try collaboratively making a scene with some friends!

Sometimes having **Auto Render** on while lots of people are working on the same document can become a little chaotic, it might be worth turning it off if a lot is happening at once. But there might be some communication needed to make sure you're not all working on the same part of the document at the same time!