

Project title: An investigation into the possibility of using Procedural Level Generation to create more replayable 2D platformers
Researcher name: Callum Myers

What is the research about?

We invite you to participate in a research project about how procedural level generation methods can be used in 2D platformer games to improve the potential replayability, as well as the effect it may have on how players interact with the game, including their engagement and interest levels throughout.

Do I have to take part?

This form has been written to help you decide if you would like to take part. It is up to you and you alone whether you wish to take part. If you do decide to take part you will be free to withdraw at any time without providing a reason and without penalty

What will I be required to do?

- Play the project build which has been sent and try out a few different levels for as long as you wish.
- Experiment with the parameter menu to see how it can vary the level generation.
- Complete the accompanying questionnaire on Microsoft forms. All questions in the form are completely optional and can be left blank if you wish.

How will you handle my data?

Your data will be stored in an anonymized form and will only be accessible to Callum Myers and Abertay University staff. This means that nobody including the researchers could reasonably identify you within the data. Your data will be stored in Microsoft Forms, with data fully anonymised at the point of submission. Your responses are treated in the strictest confidence - it will be impossible to identify individuals within a dataset when any of the research is disseminated (e.g., in publications/presentations/datasets). Abertay University acts as Data Controller (DataProtectionOfficer@abertay.ac.uk).

Retention of research data

Researchers are obliged to retain research data for up to 10 years' post-publication, however your anonymised research data may be retained indefinitely (e.g., so that researchers engage in open research, and other researchers can access their data to confirm the conclusions of published work). Consistent with our data retention policy, researchers retain consent forms for as long as we continue to hold information about a data subject and for 10 years for published research (including Research Degree thesis).

Consent statement:

Abertay University attaches high priority to the ethical conduct of research. Please consider the following before indicating your consent on this form. Indicating your consent confirms that you are willing to participate in the research, however, indicating consent does not commit you to anything you do not wish to do and you are free to withdraw your participation at any time. You are indicating consent under the following assumptions:

- I understand the contents of the participant information sheet and consent form.
- I have been given the opportunity to ask questions about the research and have had them answered satisfactorily.
- I understand that my participation is entirely voluntary and that I can withdraw from the research (parts of the project or the entire project) at any time without penalty and without having to provide an explanation.
- I understand who has access to my data and how it will be handled at all stages of the research project.
- I consent to take part in this study conducted by Callum Myers who intend to use my data for further research examining the effectiveness of the level generation program which has been created.

Signature:

I confirm that I am willing to take part in this research:

PRINT NAME:

SIGNATURE:

DATE:

You can find our procedure for complaints (regarding research projects) and our privacy notice and legal basis for processing research data at: <https://www.abertay.ac.uk/legal/privacy-notice-for-research-participants/>

