



Σ 10 Points

Media Computing Project — Assignment 5

Add-In

Deadline: Wednesday, 2nd December 13:30

Description

Within the last assignment you started to work with the API. This week you will use your knowledge to convert your script into an add-in which embeds itself into the UI.

Tasks

1. Add-In (10 Points)

Convert your script from assignment 4 to an add-in with the following characteristics

1. It is available in the UI as a button (use a feasible location)
2. The user can decide to input a number or to use a random number for the creation of the circles
3. The script provides **one** additional functionality e.g.
 - 3.1. Vary the relative locations of the circles
 - 3.2. Rotate the circles
4. It is well documented
5. The add-in removes itself properly when unloaded and adds itself properly to the UI when loaded by the user

2. Schedule

Create a schedule for your final project including all deadlines. Think about what you want to accomplish until which week. Discuss this schedule with your supervisor in the group meeting.

Format

All files need to be packed into a ZIP file. Submit this as a group solution in RWTHMoodle. The ZIP archive contains a PDF (max. 1 DIN A4 page, 12pt font size) with the following content:

- Matriculation number of **each** group member
- Text explaining which problems you faced and how you solved them
- Text explaining where you placed your UI element and why you chose that location

Furthermore the ZIP archive contains the following files:

- A f3d file of the models which were created by one run with your add-in
- The python add-in as a py file and any other additional resources which you used

Grading

Both the work in the group and the careful handling of the tasks in the lab are a prerequisite for a successful passing of the course.

Points are given for the assignment and the amount of work involved is included in the grading of the final project.

It is advisable to make clear for some assignments which team members have worked on the respective subtasks. At the end of the project, however, each member should be able to answer questions about each topic.

Assignments handed in after the deadline will be considered negative in the final evaluation.