

Intramural Game Mode Tutorial





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- How to share your program on the Zero Robotics website with your team
 - You need to complete this step before you can compete against a teammate
- How to compete against a team mate







Sharing projects



- Sharing projects with your team allows:
 - Teammates to save your project with a new name and develop it further
 - Teams to hold Intramural Competitions
 - Teammates to view and edit projects collaboratively
- Click on the IDE menu on the top ribbon and Select "Open Project"
- Find the project you would like to share and click to select the project.
- Go to the File menu on the top ribbon and select "Share"

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Ø Z	ero Robotics	About ZR -	Tournaments -	IDE -	Resources -	
	an a			New Pr	oiect	
Open Project						
Welcome to Zero Rol						
	TITL	E				
	✓ ⁽²⁾	TeamABC1 -	CosmoSPHERE	S MS		
	Select	Cancel				









Invite people:

Send

Enter names or email addresses...

Notify people via email - Add message

Cancel



- Share by entering name or email address in the "Invite people" field
- Make sure that the sharing option • is toggled to "Can edit"
- If desired click "Add message" link ulletto add a message and then Select "Send"
- The "Invited people" will be added • to the "Who has access" list in this window and will receive an email message with a link to the project

Can edit -

Send a

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Can edit

Can view

Can comment

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- The Invited people should:
 - Check their email
 - Click on the link in their email
 - Alternate instructions for Students with sandboxed accounts are provided at the end of this tutorial. See page 12.
- This will open the ZR IDE
- Click on "Open with app" when prompted
- The shared project will open in the IDE
- IMPORTANT: See step on next page



Subject: TeamABC1 - CosmoSPHERES MS Date:

I've shared an item with you.

TeamABC1 - CosmoSPHERES MS



Aurora



Sharing projects, continued



- IMPORTANT: Shared projects are not saved automatically to your list of projects.
- To save a copy of the shared project to your own list of projects:
 - On the File menu select "Save As"
 - Edit the Project name, if desired
 - Click "Save As"
 - Note: after clicking "Save As" it will take several seconds to save the project





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Sharing projects, continued- EDIT



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- Have each person competing in the intramural competition share their project with the group or their teacher.
- Create a plan for the order for the competition
 - Each team should play each other team at least once.
 - See example (shown) for a competition between 3 teams









- Open a project in the IDE
- Select Simulate
- From the Graphical Editor select "Simulate" from the top ribbon menu
 - Leave everything else "as-is" except opponent
 - Click "Select Opponent"
 - In the project window look for the shared project that you would like to compete against
 - Click the check box
 - Click on Select
- The Opponents name will appear on the Simulate settings window
 - Your code defaults to Blue satellite
 - Opponents code defaults to Red satellite
- Simulate and View Results









Simulate			
Simulate As	 Satellite 1 (E 	Blue) 🔵 Satelli	te 2 (Red
Opponent	No Opponent	Select	
Maximum Time (s)	210		
Initial Position	x	Y	
Satellite 1	0	-0.65	0.2
Satellite 2	0	-0.65	-0.2
Reset All			



Aurora





- Check the statistics in the scoring box for each SPHERES
 - The color of each team will show up at the top of their own scoring box
 - Review the game manual for scoring details
 - Record Score
- Run additional competitions to determine the winner!



Note: This image is game specific and will vary from year to year





- Congratulations!
 - You have learned how to:
 - Share your programs with your team
 - Compete your code against a other teammates code
- Have fun in the Intramural Competition!









Alternate Instructions for:





- Collaborative Editing
 - Is only possible on the original project <u>not on a saved copy</u>
 - Continue to next page
- "Sand Boxed" Accounts
 - Students with sandboxed accounts:
 - Cannot check email but...
 - Can access shared code directly from Goggle drive
 - How to share code with students with "sand boxed" accounts
 - Follow the same steps described on slides 3 and 4 of this document and summarized here:
 - Sign into the ZR website
 - Open the file that you would like to share

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- Share the code to the student's Zero Robotics login email address
- You will receive an undeliverable email address message but you can ignore this message
- Continue to next page















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Alternate Instructions for:



"Sand Boxed" Accounts and Collaborative Editing, cont.

- To access code shared to/for:
 - Students with "sand boxed" accounts
 - Collaborative editing
- Confirm you are signed into the Zero Robotics site



Alternate Instructions for:

"Sand Boxed" Accounts and Collaborative Editing, cont.

 The left hand menu will open with "My Drive" highlighted (1)

ZER

ROBOTICS

- Click on "Shared with Me" to see a list of the projects that have been shared (2)
- Intramural Competitions only-
 - Double click on the project to open it in the ZR IDE (3)
 - continue from page 6 (earlier in this tutorial)
- Collaborative Editing see next page







- Select the shared file (but don't open the file)
- Move the shared file into your drive by selecting "Add to My Drive"



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ZER[®] Alternate Instructions for: Collaborative Editing, R[®]B[®]TICS ISS PROBRAMING CHALLENGE

- Go to "My Drive"
 - Click on My Drive
- Find the shared project in your list of projects
- Double click on the project to open and view
 - After opening the project first from Google Drive the project will be able to be opened and viewed directly from the ZR IDE in the future
- Individuals viewing and editing the same shared code should see edits propagate almost instantly in their browser

🛆 Drive	My Drive 👻				
NEW	Name ↑				
▶ 🖎 My Drive	example student code - Free Mode				

