

User Manual

Risk 6

Written by: *Eliya Ameri*

Prerequisites

- This game has been tested and confirmed to work on Windows 10 with an Intel CPU, many MacBooks with the M1 chip and two separate Arch Linux setups with an Intel CPU and on integrated graphics using JDK 17¹ and JavaFX 19.

Playing the game

- The `.jar` file should be opened by simply double clicking on it. If this doesn't work, you can run `java -jar risk6.jar` in a command line interface in the directory of the `.jar` file.
- Once the game is open, create a new user and log in.
- You are now presented with many options.
 1. **Tutorial** — We recommend playing this first to get a feel for the game and to find out about our keybinds.
 - After pressing on the Tutorial button, you will be lead to a lobby with a bot player. After pressing play, make sure to pay attention to the chat, as tips and guides will be shown there.
 2. **Singleplayer**
 - After pressing on Singleplayer and joining the game lobby, you can choose to add up to 5 bots, each with a difficulty of your choosing.
 - Once you are happy with your chosen players, press on play and the game will begin.
 - Note that your statistics are only updated if you play multiplayer.
 3. **Multiplayer**
 - If you plan to host a game, press on the toggle button to enable the server. You will then see a list of IP Addressess. If you are playing in the university, then you must pick the IP Address beginning with 134.
 - If other players experience problems connecting to you, check the Troubleshooting section of this manual to find the changes that you must make to your firewall.
 - Press on Multiplayer and enter the IP Address of the server you want to connect to.
 - You now have the ability to view other existing game lobbies along with their properties, chat in the server lobby and create or join a game lobby.
 - If you create a game lobby, you can set the specific properties of your choosing.
 - Otherwise, if you join a lobby, you can see all of the other players currently in the lobby with you and, upon clicking on their profile picture, view their statistics.
 4. **Options**
 - Here you have the option to change your username by double-clicking on your name, or view your statistics, change password and either switch or delete your account by clicking on the relevant button.

Troubleshooting

- **Trouble connecting to host**
 - If the host is on linux and is running `firewalld` as their firewall, they must make the following changes in order to allow other players to join them. Similar steps can be taken with other firewalls.
 1. Open `firewalld` and enter your system password
 2. Click on the tab **Zones**, then choose **public** and click on the tab **Ports**
 3. Click on **+Add** and add the tcp port 42069

¹We recommend downloading the installer versions for Mac and Windows from the following link, or using your package manager in linux <https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html>

- If the host is on windows, and they didn't allow the program in their public network when the firewall popup showed up, they must follow the following steps:
 1. Open the Control Panel, click on System and Security and then Windows Defender Firewall.
 2. Click on “Allow an app through Windows Firewall” on the left tab.
 3. Click on change settings, provide administrator rights and then on “Allow another app”
 4. Find and choose the `java.exe` file in your java installation folder and allow it on your public network.
For a standard JDK17 installation this is located in `C:\Program Files\Java\jdk-17\bin\java.exe`
- **UI isn't centered or scaling is off** — Most often seen in Windows 11, resizing the window or maximizing and minimizing it should let everything render properly again. We do not recommend using the lobby in fullscreen, maximized should however be alright.