

Setting up Positron

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July 9, 2025

Table of contents

Outline	2
Things to cover	2
External links	2
Neat things about Positron	2
Installing Positron and setting up	2
Things I have done	3
Keybindings	3

Outline

Things to cover

- Downloading and installing Positron.

External links

Smarter people than me have written about how they use Positron, so I will list a few of the ones I found most useful here.

Neat things about Positron

- Has an automatic formatter (air) which formats R code on save.
- Can easily run both R code and bash commands depending on the script.
- Can easily SSH into remote servers to run bash code (not sure where the R code goes).
- Has nice git integration
- No longer uses RStudio projects, uses folders instead.

Installing Positron and setting up

- Download Positron from the Positron website (<https://positron.com/download>).
- Check git is installed by running `git --version` in the terminal.
- Check quarto is installed by running `quarto --version` in the terminal.
- Install miniforge for installing bioinformatics packages.

Things I have done

- Set up GitHub Copilot for autocompletion using [this](#).
- Set up a code snippet for starting bash and R scripts.
- Set up a few keybindings.

Keybindings

- `Ctrl/(Cmd on Mac) + Shift + P` to open the command palette. This is the most important keybinding to know. From this you can search for a bunch of commands. Your most recent ones are saved at the top of the list.
- `Ctrl/(Cmd on Mac) + Shift + P` *Run selected text in active terminal*. This allows you to interactively script and test code in the terminal.
- `Ctrl/(Cmd on Mac) + Shift + P` *Change Language Mode* allow you to change the language of the current script.
- `cmd+t` to open and focus on the terminal.
- `cmd+r` to focus on the active editor group.
- `cmd+e` to focus on the R console.
- `cmd+r` to accept a code suggestion from GitHub Copilot.
- You can change Keyboard Shortcuts by opening the command palette and searching for *Preferences: Open Keyboard Shortcuts*. You can then search for a command and change its keybinding. You can also do this manually by opening the command palette and searching for *Preferences: Open Keyboard Shortcuts (JSON)*. This will open a JSON file where you can add your own keybindings.

My current keybinding file is as follows (it likely has some errors in but works for me at the moment):

```

// Place your key bindings in this file to override the
↪ defaults
[
  {
    "key": "cmd+t",
    "command": "-workbench.action.showAllSymbols"
  },
  {
    "key": "cmd+t",
    "command":
      ↪ "workbench.action.terminal.toggleTerminal",
    "when": "terminal.active"
  },
  {
    "key": "ctrl+`",
    "command":
      ↪ "-workbench.action.terminal.toggleTerminal",
    "when": "terminal.active"
  },
  {
    "key": "cmd+r",
    "command": "workbench.action.focusActiveEditorGroup"
  },
  {
    "key": "cmd+e",
    "command":
      ↪ "workbench.action.positronConsole.focusConsole"
  },
  {
    "key": "cmd+right",
    "command": "editor.action.inlineSuggest.commit",
    "when": "inlineEditIsVisible &&
      ↪ tabShouldAcceptInlineEdit && !editorHoverFocused
      ↪ && !editorTabMovesFocus && !suggestWidgetVisible
      ↪ || inlineSuggestionHasIndentationLessThanTabSize
      ↪ && inlineSuggestionVisible &&
      ↪ !editorHoverFocused && !editorTabMovesFocus &&
      ↪ !suggestWidgetVisible || inlineEditIsVisible &&
      ↪ inlineSuggestionHasIndentationLessThanTabSize &&
      ↪ inlineSuggestionVisible && !editorHoverFocused
      ↪ && !editorTabMovesFocus && !suggestWidgetVisible
      ↪ || inlineEditIsVisible &&
      ↪ inlineSuggestionVisible &&

```

```

},
{
  "key": "tab",
  "command": "-editor.action.inlineSuggest.commit",
  "when": "inlineEditIsVisible &&
    ↪ tabShouldAcceptInlineEdit && !editorHoverFocused
    ↪ && !editorTabMovesFocus && !suggestWidgetVisible
    ↪ || inlineSuggestionHasIndentationLessThanTabSize
    ↪ && inlineSuggestionVisible &&
    ↪ !editorHoverFocused && !editorTabMovesFocus &&
    ↪ !suggestWidgetVisible || inlineEditIsVisible &&
    ↪ inlineSuggestionHasIndentationLessThanTabSize &&
    ↪ inlineSuggestionVisible && !editorHoverFocused
    ↪ && !editorTabMovesFocus && !suggestWidgetVisible
    ↪ || inlineEditIsVisible &&
    ↪ inlineSuggestionVisible &&
    ↪ tabShouldAcceptInlineEdit && !editorHoverFocused
    ↪ && !editorTabMovesFocus &&
    ↪ !suggestWidgetVisible"
},
{
  "key": "cmd+right",
  "command": "editor.action.inlineSuggest.commit",
  "when": "inInlineEditsPreviewEditor"
},
{
  "key": "tab",
  "command": "-editor.action.inlineSuggest.commit",
  "when": "inInlineEditsPreviewEditor"
},
{
  "key": "cmd+b",
  "command": "quarto.toggleBold"
},

```

```
{  
  "key": "cmd+i",  
  "command": "quarto.toggleItalic"  
}  
]
```