

wPlot2D

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1 wPlot2D - ECS-Based 2D Plotting Engine	1
1.1 wPlot2D	1
1.1.1 Introduction	1
1.1.2 Features	1
1.1.3 Links	1
1.1.4 Author	1
2 File Index	3
2.1 File List	3
3 File Documentation	5
3.1 main.cpp File Reference	5
3.1.1 Function Documentation	5
3.1.1.1 main()	5
Index	7

Chapter 1

wPlot2D - ECS-Based 2D Plotting Engine

1.1 wPlot2D

1.1.1 Introduction

wPlot2D is a lightweight C++ plotting library designed to create clean and customizable 2D visualizations. It provides essential features such as axes, labels, titles, legends, and annotations, while allowing users to export high-quality graphics for reports, teaching, or research. The library is built with a modular design, making it easy to integrate into existing C++ projects. Its focus is on clarity, precision, and reproducibility, providing an accessible tool for academic and scientific work.

1.1.2 Features

- Entity and Component system
- Dynamic component management with type-safe access
- Support for SFML-based rendering

1.1.3 Links

- [GitHub Repository](#)
- [itch.io Page](#)
- [Project Website](#)

1.1.4 Author

Created by Wilfried Koch.
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Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

main.cpp	5
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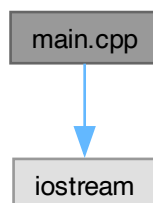
Chapter 3

File Documentation

3.1 main.cpp File Reference

```
#include <iostream>
```

Include dependency graph for main.cpp:



Functions

- int `main` ()

3.1.1 Function Documentation

3.1.1.1 main()

```
int main ()
```


Index

main

main.cpp, [5](#)

main.cpp, [5](#)

main, [5](#)

wPlot2D - ECS-Based 2D Plotting Engine, [1](#)