

SIGRun

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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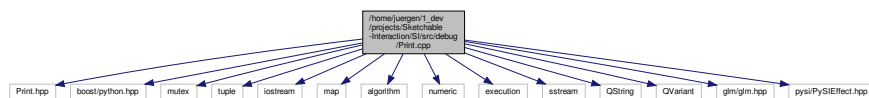
Chapter 2

File Documentation

2.1 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/debug/Print.cpp File Reference

```
#include "Print.hpp"
```

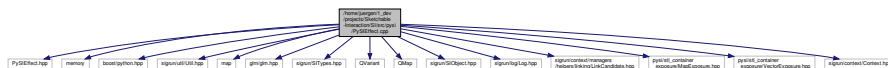
Include dependency graph for Print.cpp:



2.2 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/pysi/PySIEffect.cpp File Reference

```
#include "PySIEffect.hpp"
#include "pysi/stl_container_exposure/MapExposure.hpp"
#include "pysi/stl_container_exposure/VectorExposure.hpp"
#include <sigrun/context/Context.hpp>
```

Include dependency graph for PySIEffect.cpp:



Functions

- [BOOST_PYTHON_MODULE](#) (libPySI)

2.2.1 Function Documentation

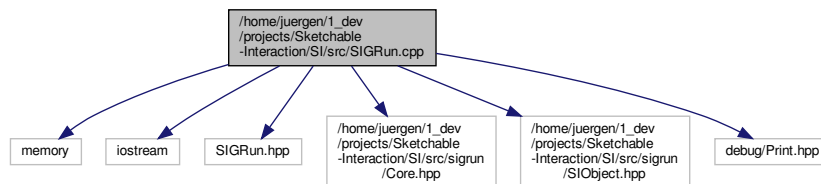
2.2.1.1 BOOST_PYTHON_MODULE()

```
BOOST_PYTHON_MODULE (
    libPySI )
```

Definition at line 244 of file PySIEffect.cpp.

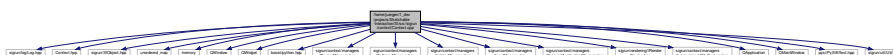
2.3 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/SIGRun.cpp File Reference

```
#include <memory>
#include <iostream>
#include "SIGRun.hpp"
#include "debug/Print.hpp"
Include dependency graph for SIGRun.cpp:
```



2.4 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/Context.cpp File Reference

```
#include <sigrun/log/Log.hpp>
#include "Context.hpp"
#include <QApplication>
#include <QMainWindow>
#include <pysi/PySIEffect.hpp>
#include <sigrun/util/Util.hpp>
Include dependency graph for Context.cpp:
```



2.5 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/↵ CollisionManager.cpp File Reference

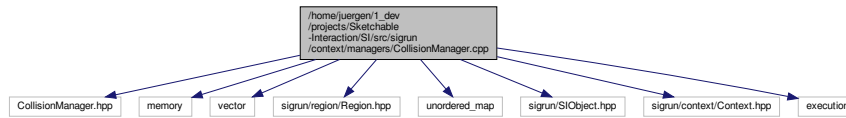
```
#include "CollisionManager.hpp"
#include <sigrun/context/Context.hpp>
```


2.6 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/ExternalApplicationManager.cpp File Reference

5

```
#include <execution>
```

Include dependency graph for CollisionManager.cpp:



2.6 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/ExternalApplicationManager.cpp File Reference

```
#include "ExternalApplicationManager.hpp"
```

```
#include <QProcess>
```

```
#include <QObject>
```

```
#include <sigrun/log/Log.hpp>
```

```
#include <sigrun/context/Context.hpp>
```

Include dependency graph for ExternalApplicationManager.cpp:



2.7 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/helpers/input/ExternalObject.cpp File Reference

```
#include "ExternalObject.hpp"
```

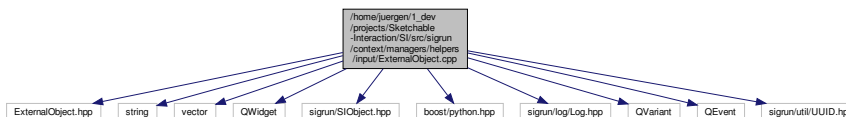
```
#include <sigrun/log/Log.hpp>
```

```
#include <QVariant>
```

```
#include <QEvent>
```

```
#include <sigrun/util/UUID.hpp>
```

Include dependency graph for ExternalObject.cpp:



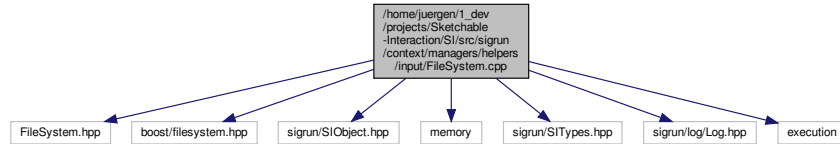
2.8 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/helpers/input/FileSystem.cpp File Reference

```
#include "FileSystem.hpp"
```

```
#include <sigrun/log/Log.hpp>
```

```
#include <execution>
```

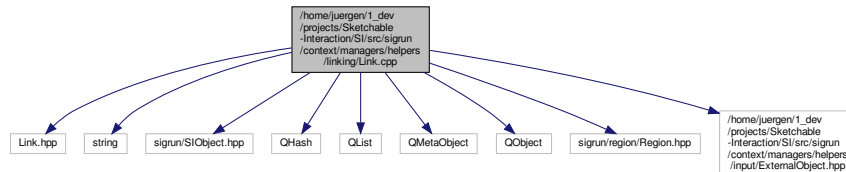
Include dependency graph for FileSystem.cpp:



2.9 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/helpers/linkin Link.cpp File Reference

```
#include "Link.hpp"
```

Include dependency graph for Link.cpp:



2.10 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/context/managers/↵ InputManager.cpp File Reference

```
#include <QKeyEvent>
#include <QMouseEvent>
#include <QWheelEvent>
#include <QApplication>
#include <execution>
#include "InputManager.hpp"
#include <sigrun/context/Context.hpp>
#include <csignal>
#include <cstdlib>
```

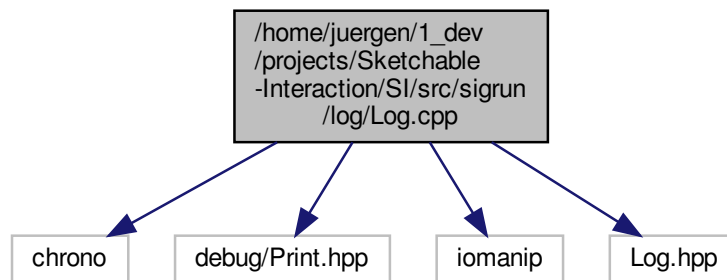
Include dependency graph for InputManager.cpp:



2.14 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/log/Log.cpp File Reference

```
#include <chrono>
#include <debug/Print.hpp>
#include <iomanip>
#include "Log.hpp"
```

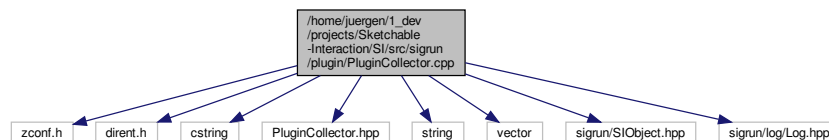
Include dependency graph for Log.cpp:



2.15 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/plugin/PluginCollector.cpp File Reference

```
#include <zconf.h>
#include <dirent.h>
#include <cstring>
#include "PluginCollector.hpp"
#include "sigrun/log/Log.hpp"
```

Include dependency graph for PluginCollector.cpp:



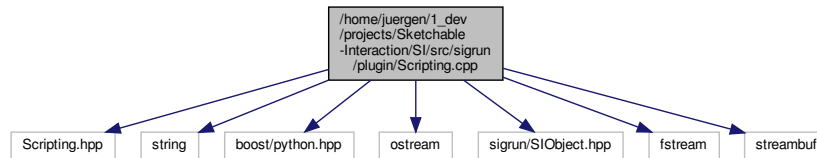
2.16 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/plugin/Scripting.cpp File Reference

```
#include "Scripting.hpp"
#include <fstream>
```

2.17 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/region/Region.cpp File Reference 9

```
#include <streambuf>
```

Include dependency graph for Scripting.cpp:



Functions

- `std::ostream & operator<< (std::ostream &os, const Scripting &scripting)`

2.16.1 Function Documentation

2.16.1.1 operator<<()

```
std::ostream& operator<< (  
    std::ostream & os,  
    const Scripting & scripting )
```

Definition at line 105 of file Scripting.cpp.

2.17 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/region/Region.cpp File Reference

```
#include "sigrun/plugin/PythonInvoker.hpp"  
#include "Region.hpp"  
#include "RegionResampler.hpp"  
#include <sigrun/log/Log.hpp>  
#include <sigrun/util/UUID.hpp>  
#include <sigrun/context/Context.hpp>
```

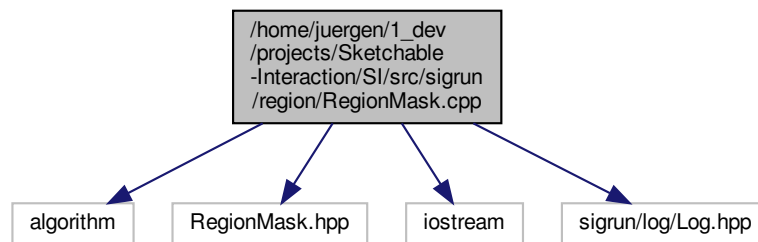
Include dependency graph for Region.cpp:



2.18 `/home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/region/RegionMask.cpp` File Reference

```
#include <algorithm>
#include "RegionMask.hpp"
#include <iostream>
#include <sigrun/log/Log.hpp>
```

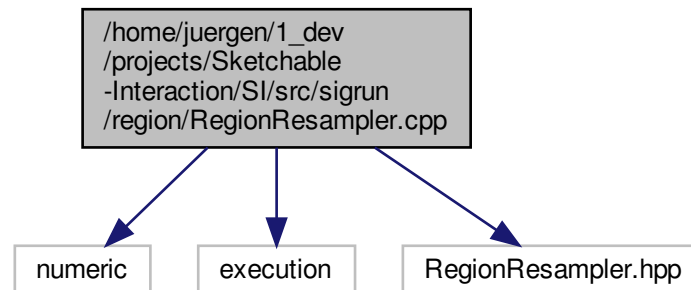
Include dependency graph for RegionMask.cpp:



2.19 `/home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/region/RegionResampler.cpp` File Reference

```
#include <numeric>
#include <execution>
#include "RegionResampler.hpp"
```

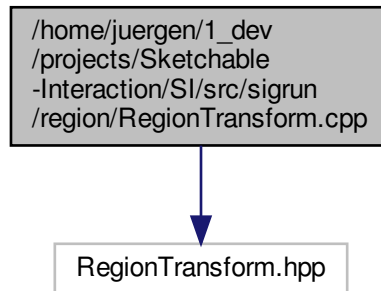
Include dependency graph for RegionResampler.cpp:



2.20 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/sigrun/region/RegionTransform.cpp File Reference

```
#include "RegionTransform.hpp"
```

Include dependency graph for RegionTransform.cpp:

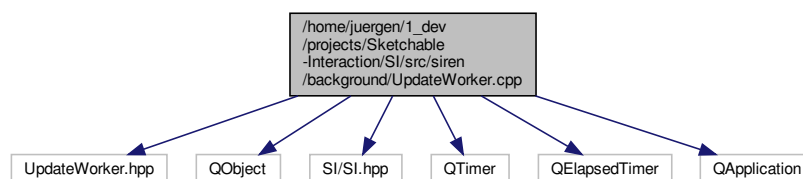


2.21 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/siren/background/UpdateWorker.cpp File Reference

```
#include "UpdateWorker.hpp"
```

```
#include <QApplication>
```

Include dependency graph for UpdateWorker.cpp:



2.22 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/siren/region/RegionRepresentation.cpp File Reference

```
#include "RegionRepresentation.hpp"
```

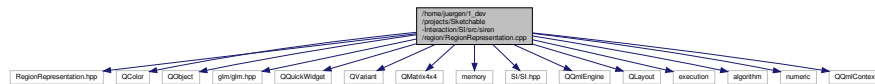
```
#include <QQmlEngine>
```

```
#include <QLayout>
```

```
#include <execution>
```

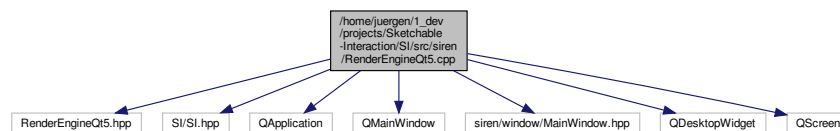
```
#include <algorithm>
```

```
#include <numeric>
#include <QQtContext>
Include dependency graph for RegionRepresentation.cpp:
```



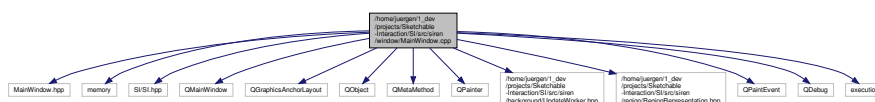
2.23 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/siren/RenderEngineQt5.cpp File Reference [↔](#)

```
#include "RenderEngineQt5.hpp"
#include <QDesktopWidget>
#include <QScreen>
Include dependency graph for RenderEngineQt5.cpp:
```



2.24 /home/juergen/1_dev/projects/Sketchable-Interaction/Sl/src/siren/window/MainWindow.cpp File Reference [↔](#)

```
#include "MainWindow.hpp"
#include <QPaintEvent>
#include <QDebug>
#include <execution>
Include dependency graph for MainWindow.cpp:
```



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