jsonToBatProject

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Chapter 1

README

Doxygen Documentation

Sonar Cloud

1.1 README

1.1.1 Current workflows:

- build
  - build and test the application on:
    - windows with cl
    - ubunut with g++
    - ubuntu with clang++
- CodeQl
  - Code security
- Doxygen Action
  - Generate Doxygen documentation
  - Deploys generated documentation to gh-pages
- Microsoft C++ Code Analysis
- pages-build-deployment
- SonarCloud
  - Static code analysis *For Scanning Alerts -> Security*

1.1.2 Regarding coding style (?):

- no classes in global namespace
- no "using NAMESPACE"
- 4 space indenting
- ? *setup astyle options?*

1.1.3 Git (?):

- no direct commits onto main (only via pull-requests)

Chapter 2

Todo List

Global main (int argc, char ∗argv[])

Github

- "Dev-Ops"
- Doxygen settings
- Template-Comment
- Template-Header-Comment

Global WIP::exampleEasyLogging ()

Configure easylogging properly

- outsource easylogging config
  - e.g. startup class?

Chapter 3

Namespace Index

3.1 Namespace List

Here is a list of all namespaces with brief descriptions:

WIP
Namespace for work in progress 9

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

src/main.cpp 11

Chapter 5

Namespace Documentation

5.1 WIP Namespace Reference

Namespace for work in progress.

Functions

- void exampleEasyLogging ()

  Example of how to use easylogging with a configuration file.

5.1.1 Detailed Description

Namespace for work in progress.

- This namespace is for code that is not finished yet
- It is used to keep the main namespace clean

5.1.2 Function Documentation

5.1.2.1 exampleEasyLogging()

```
void WIP::exampleEasyLogging ( )
```

Example of how to use easylogging with a configuration file.

- This function is an example of how to use easylogging
- The configuration file is located in ../conf
- Before proper integration, config has to be done properly

  Todo

Definition at line 52 of file main.cpp.

Chapter 6

File Documentation

6.1 README.md File Reference

6.2 src/main.cpp File Reference

```
#include <easylogging++.h>
#include <iostream>
```

Namespaces

- namespace WIP

  Namespace for work in progress.

Functions

- void WIP::exampleEasyLogging ()

  Example of how to use easylogging with a configuration file.
- int main (int argc, char ∗argv[ ])

  Main function.

6.2.1 Function Documentation

6.2.1.1 main()

```
int main (
            int argc,
            char * argv[] )
```

Main function.

Codeconvention:

- Formatter: astyle

  Todo

Definition at line 25 of file main.cpp.

References WIP::exampleEasyLogging().

6.3 main.cpp

Go to the documentation of this file.

```
00001 #include <easylogging++.h>
00002 #include <iostream>
00003
00004
00005 INITIALIZE_EASYLOGGINGPP
00006
00007 namespace WIP {
00008 void exampleEasyLogging();
00009 }
00010
00025 int main(int argc, char *argv[]) {
00026   WIP::exampleEasyLogging();
00027   std::cout « "Hello, World!" « std::endl;
00028   return 0;
00029 }
00030
00038 namespace WIP {
00052 void exampleEasyLogging() {
00053   el::Configurations conf("conf/easylogging.conf");
00054   el::Loggers::reconfigureLogger("default", conf);
00055   el::Loggers::reconfigureAllLoggers(conf);
00056
00057   LOG(INFO) « "My first info log using default logger";
00058 }
00059 } // namespace WIP
```

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