

Nothing

```
set display-panes-time 20000 # 20 secs
set-window-option -g mode-keys vi
```

Listing 1: ./source_files/setup/tmux.conf

```
#!/bin/bash

# Usage: ./this_script.sh source_code.cpp make_rule

### Set initial time of file
LTIME=`stat -c %Z $1`

while true
do
    ATIME=`stat -c %Z $1`

    if [[ "$ATIME" != "$LTIME" ]]
    then
        echo -e "\033[01;32m-----\033[00;0m";
        make $2;
        LTIME=$ATIME
    fi
    sleep 5
done
```

Listing 2: ./source_files/setup/run_on_change_script.sh

```
set history=100000

set number

set autoindent
"set smartindent
set tabstop=4
set softtabstop=4
set shiftwidth=4
set expandtab

set hlsearch

set colorcolumn=81

set background=dark
```

Listing 3: ./source_files/setup/vimrc

```
CXX=g++
CXXFLAGS=-std=c++11 -Wall -Wshadow

%: %.cpp
$(CXX) $^ -o $@ -O2 $(CXXFLAGS)
```

```
%_g: %.cpp
$(CXX) $^ -o $@ -g $(CXXFLAGS)
```

Listing 4: ./source_files/setup/Makefile

```
# Add to make CGAL use C++11 and reasonable flags
set(CMAKE_CXX_FLAGS "${CMAKE_CXX_FLAGS} -std=c++11 -Wall -Wshadow")

# Add to avoid TLE because of streams/stdio sync
ios_base::sync_with_stdio(false);

# Compile file on save (needs inotify-tools)
while inotifywait -e close_write coin_tossing.cpp || true;
do make coin_tossing;
echo -e "\033[01;32m-----\033[00;0m";
done
# If inotify is not available look at run_on_change_script.sh, or try:
while sleep 1 ; do something ; done


# Delanuay_triangulation:
# example voronoi.cpp has nice headers

# Quadratic programming:
# one of examples has nice headers

# Ceil and floor:
double floor_to_double( const K::FT& x) {
    double a = std::floor(CGAL::to_double(x));
    while (a > x) a -= 1;
    while (a + 1 <= x) a += 1;
    return a;
}
int ceil_to_int(const CGAL::Quotient<ET>& x)
{
    double a = std::ceil(CGAL::to_double(x));
    while (a < x) a += 1;
    while (a - 1 >= x) a -= 1;
    return a;
}
```

Listing 5: ./source_files/setup/various_oneliners