RobolabSim User Documentation

NOTE

This guide is for the development process with the new Robolab Simulator only.

Getting started

1. Install **Python 2.7** (32-bit).
2. For Windows User: Install **MinGW** (complete base package). Add `C:\MinGW\bin` to your PATH variable.
3. Install **Eclipse for C/C++ Developer** if you want to use a full fledged IDE.
4. Get github.com/max-leuthaeuser/RobolabSim/tree/master/package

Development Process

```
#include "../h/Configuration.h"

int main(void) {

  printf("Token: %d\n", Robot_Move(R, 6));
  printf("Intersection: %d\n", Robot_GetIntersection());
  printf("Token: %d\n", Robot_Move(L, 3));
  printf("Intersection: %d\n", Robot_GetIntersection());

  return EXIT_SUCCESS;
}
```

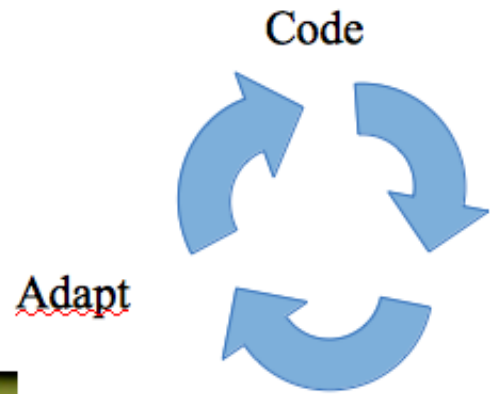

Figure: Development Process

Development Process

1. Write your *virtual* Robot code compile and run it.
   See `https://github.com/max-leuthaeuser/RobolabSim/tree/master/package/solution`.
2. Test it.
   - Either on your local simulation server or
   - at the server we / your tutor provides you.
3. Adapt it. *Make sure to define a consistent interface first!*