```
AbstractDevelopment(string parameters)
{
        p = parse(parameters);
        this.ticks = p.ticks;
}

void evolve(Genome g)
{
        if (this->organism != 0)
                delete this->organism;
        this->organism = new Organism(g);
        initialize();
        for (unsigned int i = 0; i < ticks; i++)
                execute();
}
```

```
void execute()
{
        exec_control_program();
        interpret();
        exec_genome_program();
}

void initialize()
{
        generate_first_cell(this->organism);
}
```

AbstractDevelopment

+evolve()
+execute()
+get_organism() : Organism *
+initialize()

MyDevExperiment

+initiate()
+phenotype()
+seed()
+species()
+str()
+execute()
+initialize()

Genotype