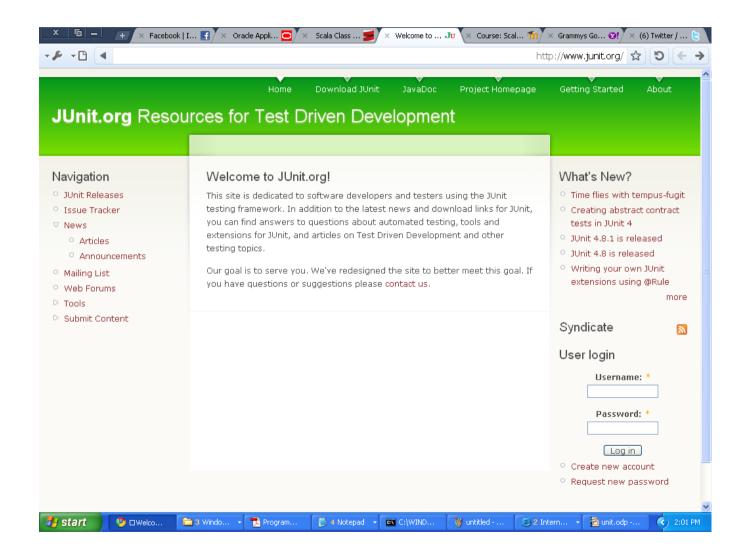
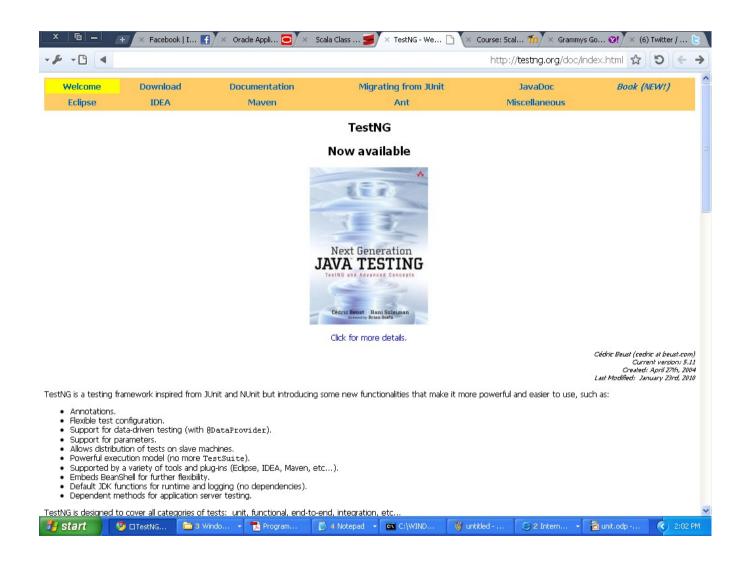
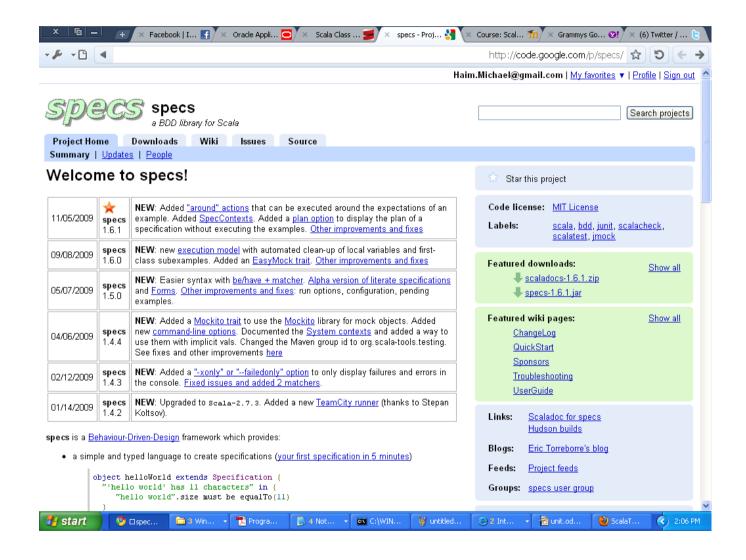
Unit Testing

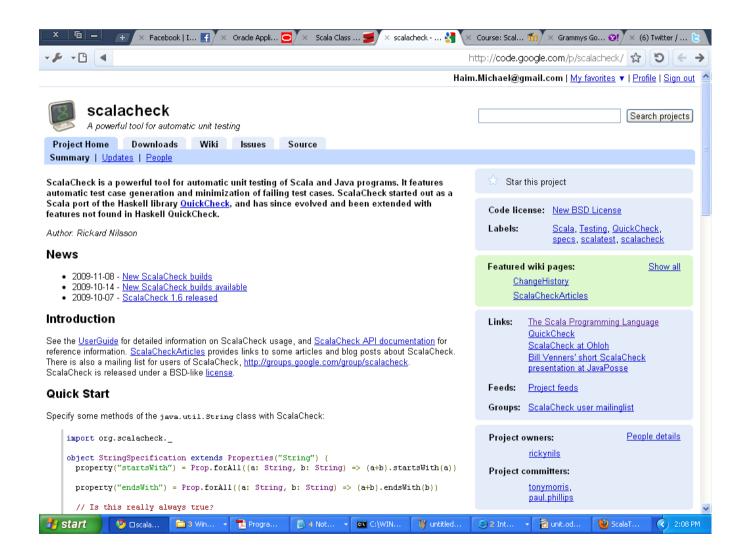
We can use various tools for performing our unit testing.
These tools can be either Java based tools (such as JUnit or TestNG) or Scala based tools (such as ScalaTest, Specs and ScalaCheck).











The FunSuite Class

* The simplest way of using the ScalaTest framework is by defining a new class that extends FunSuite and specify the tests within it.

The FunSuite Class

```
object ScalaTestDemo {
 def main(args:Array[String]):Unit = {
   new RectangleTests().execute
class Rectangle (private var width: Double, private var height: Double) {
 def area():Double = width*height
 def perimeter():Double = 2*(width+height)
class RectangleTests extends FunSuite {
 test("testing the area method") {
   var ob = new Rectangle(3, 4)
   assert (ob.area==12)
 test("testing the perimeter method") {
   var ob = new Rectangle(3, 4)
   assert(ob.perimeter==14)
```

The FunSuite Class

