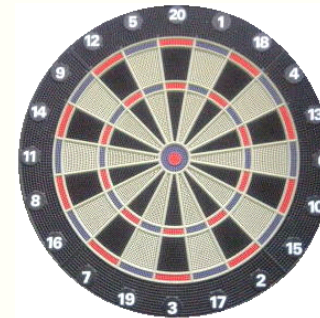




UnitTestを書く

```
class TestCricket(unittest.TestCase):  
    def test_throw(self):  
        cricket = Cricket()  
        cricket.throw(18,1)  
        self.assertEqual(  
            cricket.score(18),1)  
  
    def test_throw_2(self):  
        cricket = Cricket()  
        cricket.throw(18,2)  
        self.assertEqual(  
            cricket.score(18),2)
```





テストを実行する

```
[c:¥ut¥darts]python ut1.py -v
```

```
test_throw (__main__.TestCricket) ... ok
test_throw_2 (__main__.TestCricket) ... ok
test_throw_2_1 (__main__.TestCricket) ... ok
test_throw_3 (__main__.TestCricket) ... ok
test_throw_mix_a2_b1 (__main__.TestCricket) ... ok
test_throw_mix_all (__main__.TestCricket) ... ok
```

```
-----
Ran 6 tests in 0.001s
```

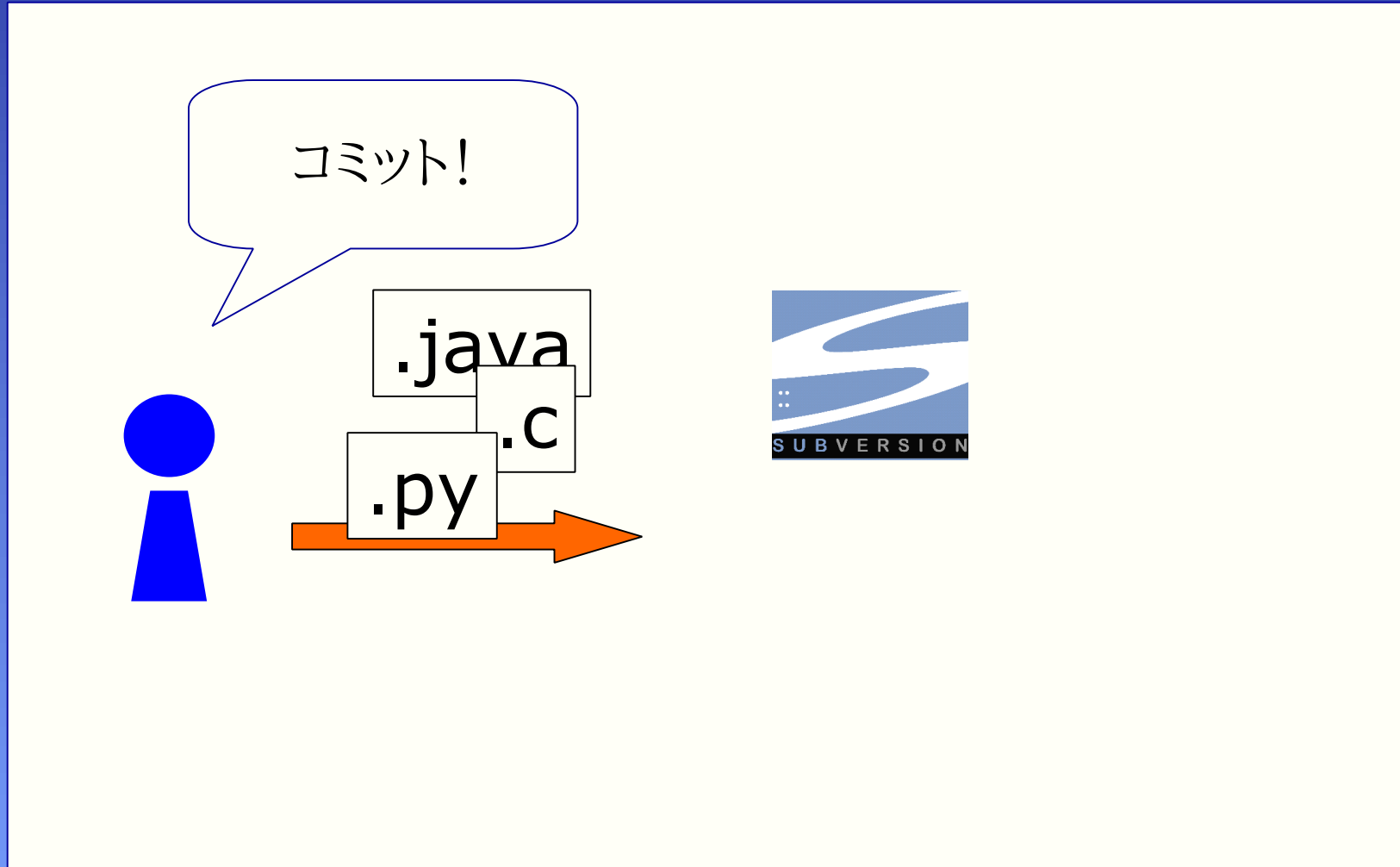
```
OK
```

OK





Subversionに保存する





Buildbotに通知





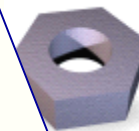
自動テスト

```
[c:¥ut¥darts] python ut1.py
```

```
.....
```

```
-----  
Ran 6 tests in 0.000s
```

```
OK
```



Buildbot



テスト結果をWebで閲覧

Buildbot		build successful	build successful
last build		idle	idle
current activity		idle	idle
time (JST)	changes	buildbot-full ubuntu7 trunk	buildbot-full windowsxp trunk
20:47:41			
20:46:50		test stdio	test stdio
		update stdio	update stdio
		Build 9	Build 4
20:46:41		connect trunk_windowsxp	
		connect trunk_ubuntu7	
		master started	master started
		master shutdown	master shutdown



時々UTせずにコミット

まあ動くよね





自動テスト失敗....

FAIL: test_throw_mix_all (__main__.TestCricket)

Traceback (most recent call last):

File "ut1.py", line 66, in test_throw_mix_all
self.assertEqual(
AssertionError: 3 != 4

Ran 6 tests in 0.018s

FAILED (failures=1)





エラーだと通知やパトランプ

	Buildbot	failed	failed
	last build	test	test
	current activity	offline	idle
time (JST)	changes	buildbot-full ubuntu7 trunk	buildbot-full windowsxp
19:51:32			
		test	test
		failed	failed
		stdio	stdio
		update	update
		stdio	stdio
		Buildbot	Buildbot
		connect	connect
		trunk_windowsxp	trunk_windowsxp
19:50:43		disconnect	disconnect
		trunk_windowsxp	trunk_windowsxp
19:47:47		disconnect	disconnect
		trunk_ubuntu7	trunk_ubuntu7
19:47:17		ping	ping
		failed	failed
19:46:47			ping
			success
		connect	connect
		trunk_windowsxp	trunk_windowsxp
		disconnect	disconnect
18:46:16		trunk_windowsxp	trunk_windowsxp



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