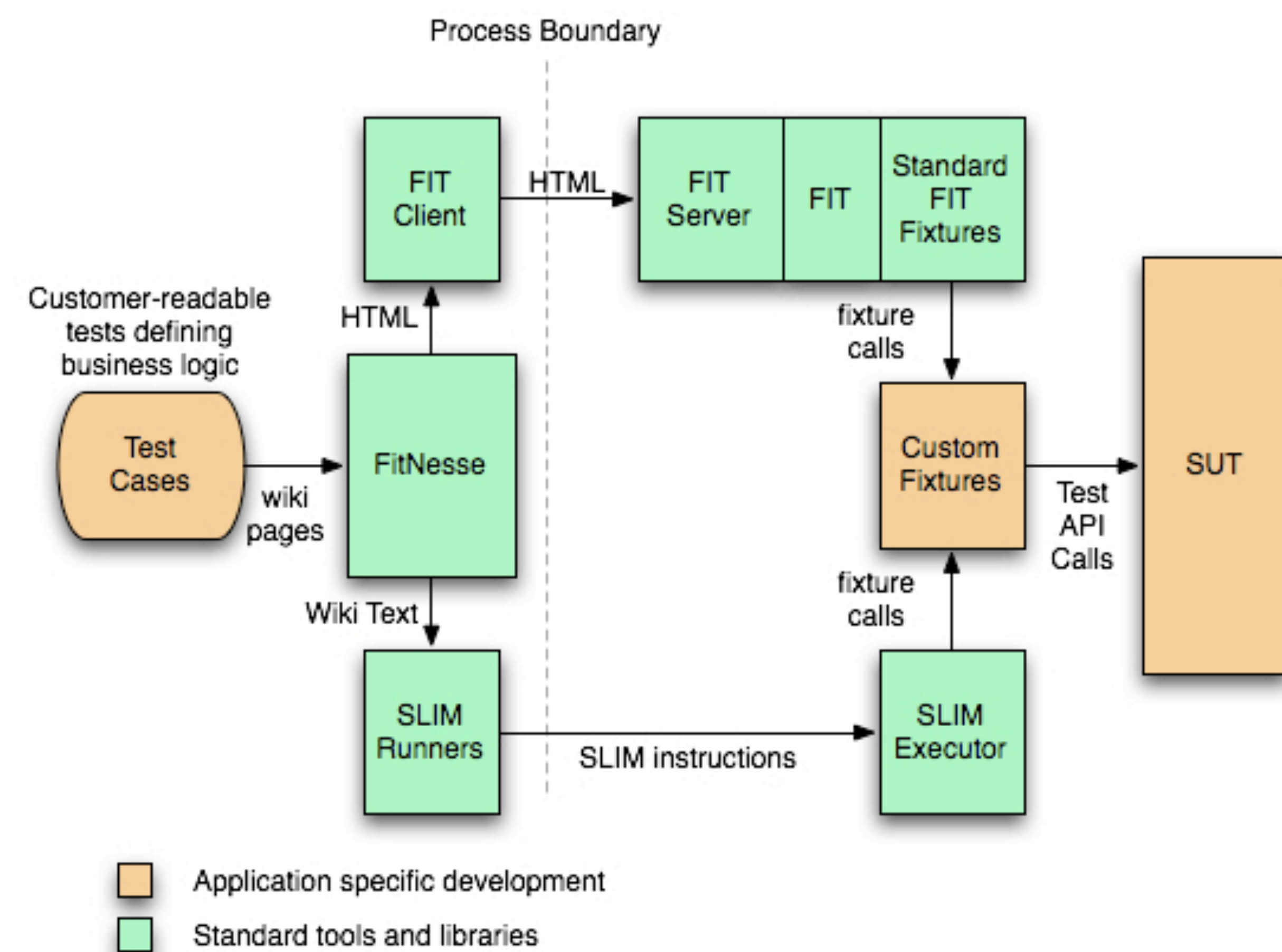


# Fitnessse and VMWare



## What is FitNesse

Fitnessse is a software testing tool where you can define input and the expected output and run it against your application under test.



## The VMWare command in the VMWareFixture

```
List<String> cmd = new ArrayList<String>();
cmd.add("./vmrun.pl");
cmd.add("-h");
cmd.add(vmwareHostUrl);
cmd.add("-u");
cmd.add(vmwareUsername);
cmd.add("-p");
cmd.add(vmwarePassword);
cmd.add("revertToSnapshot");
cmd.add(imageName);
Runtime.exec(cmd.toArray(new String[cmd.size() ]));
```

## Tips, Tricks and the bad...

1. Use the Free VMWare ESXi (very stable!) and vSphere client
2. Download and use the VMWare Perl API to rollback images
3. After rolling back, ping the image until it responds! it may not be up yet!
4. Use static ip-addresses if possible! or use hostnames when referencing images
5. Setup NTP (so date and time are up-to-date ;))
6. It isn't fast, debugging is hard
7. When setting this up, do it on your own development machine

## What is VMWare



VMWare is a virtualization company who provide virtualization products. It is mainly used by hosting to consolidate machines with OS-es.

## Why combine both?

Getting the application and its environment into a clean and right order before running your FitNesse integration tests can be a big hassle. VMWare allows you to create snapshots of machines and revert them at any given time!

