

# Alternative Test Tools In Action

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Compendium Developments

[www.compendiumdev.co.uk](http://www.compendiumdev.co.uk)

For more information on Alternative Test Tools **visit our website:**

*Download the papers,*

*See the tools in action,*

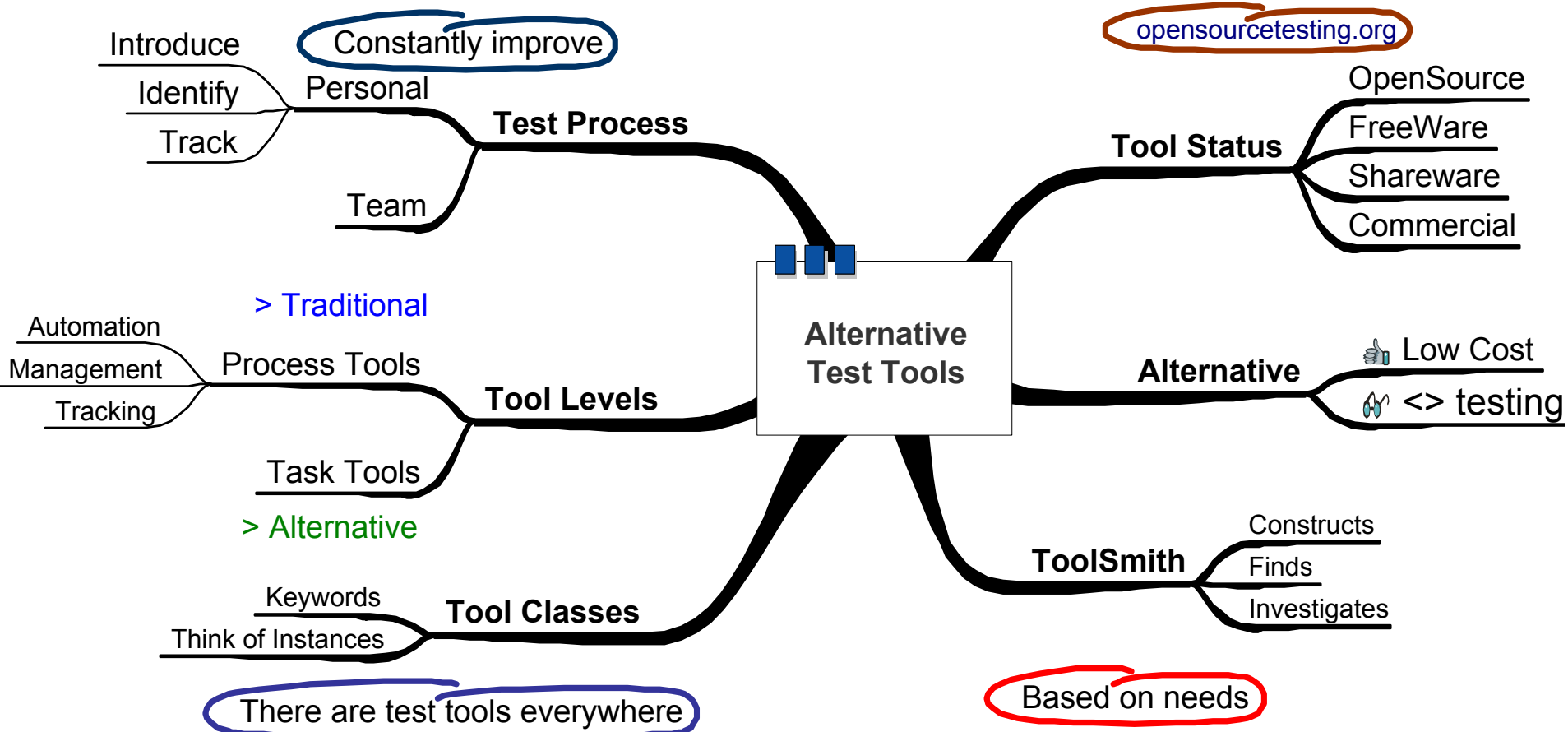
*Links to sources of information, blogs and tools,*

*Links to the tools used*

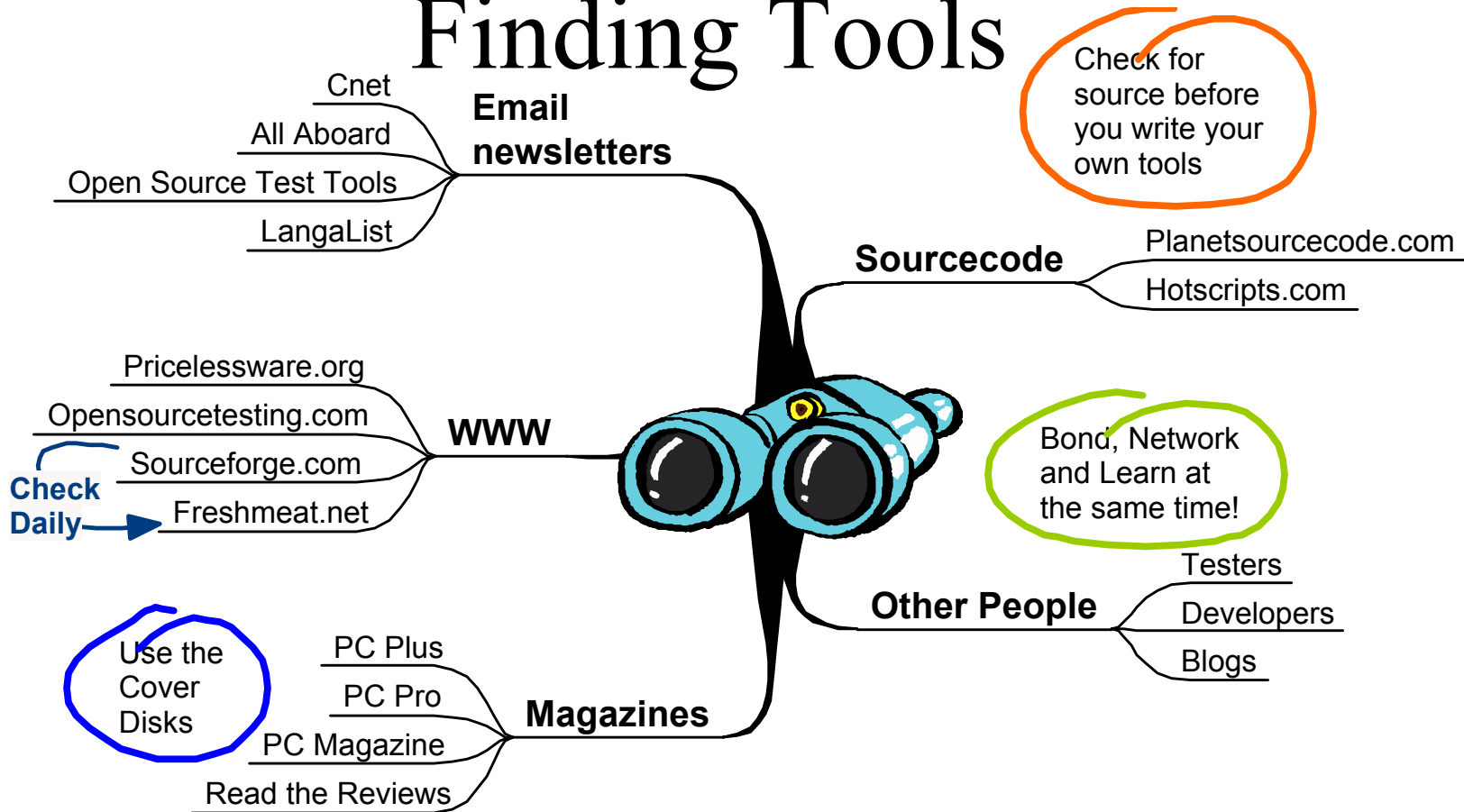
*Use our 'big' tools list to expand your hunt*

[www.compendiumdev.co.uk/toolsinaction](http://www.compendiumdev.co.uk/toolsinaction)

# 'Any Tool That Might Help My Testing In Any Way'



# Finding Tools



## Daily Checks

[www.sourceforge.com](http://www.sourceforge.com)

[www.freshmeat.net](http://www.freshmeat.net)

## Regularly Review

[www.pricelessware.org](http://www.pricelessware.org)

[www.opensourcetesting.com](http://www.opensourcetesting.com)

## PC Magazine Utilities

[www.pcmag.com/category2/0,4148,23,00.asp](http://www.pcmag.com/category2/0,4148,23,00.asp)

## EMail Newsletters

[tejasconsulting.com/open-testware/](http://tejasconsulting.com/open-testware/)

[www.cnet.com](http://www.cnet.com)

[www.sharewarejunction.com](http://www.sharewarejunction.com)

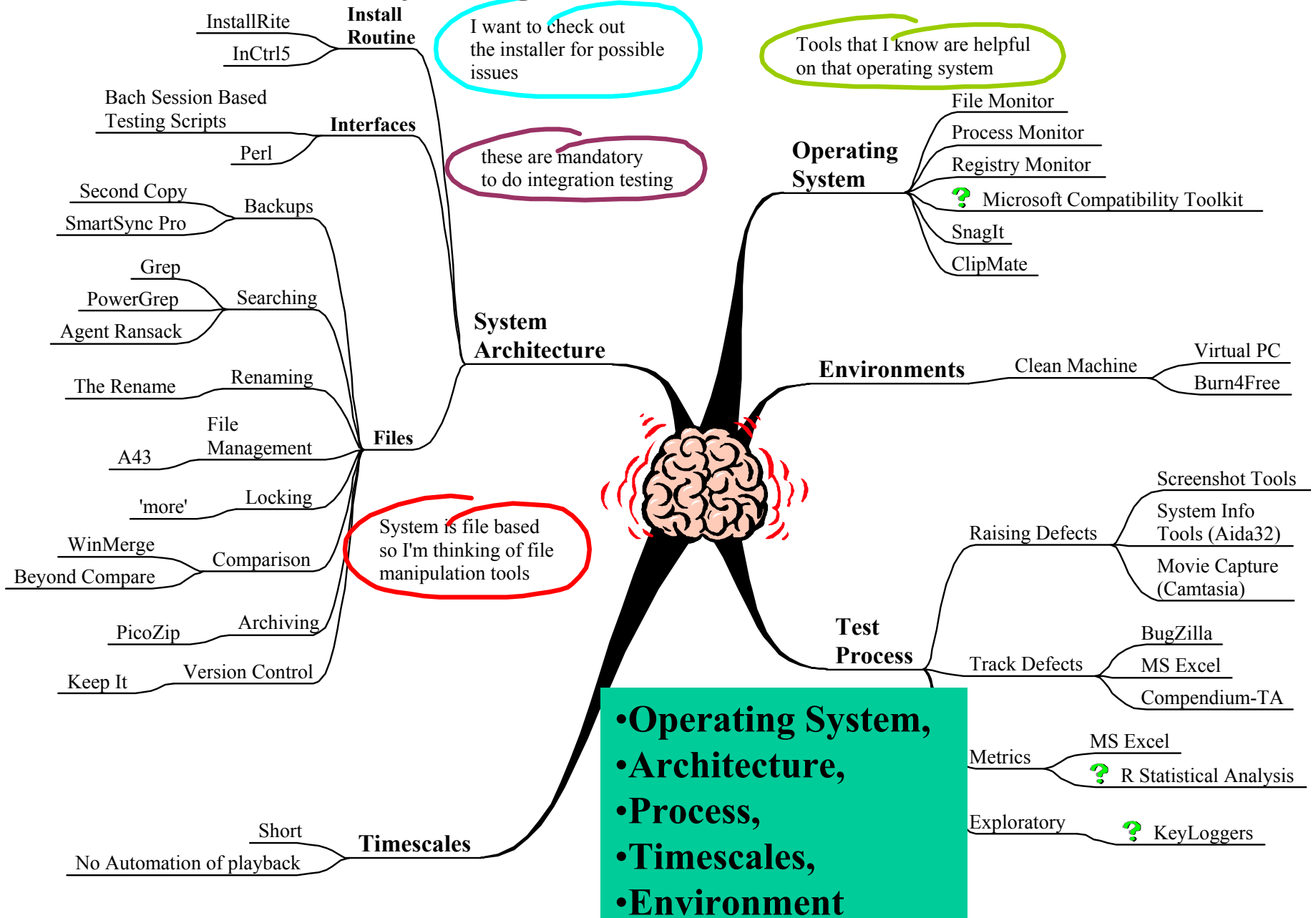
[www.langa.com](http://www.langa.com)

## Sourcecode

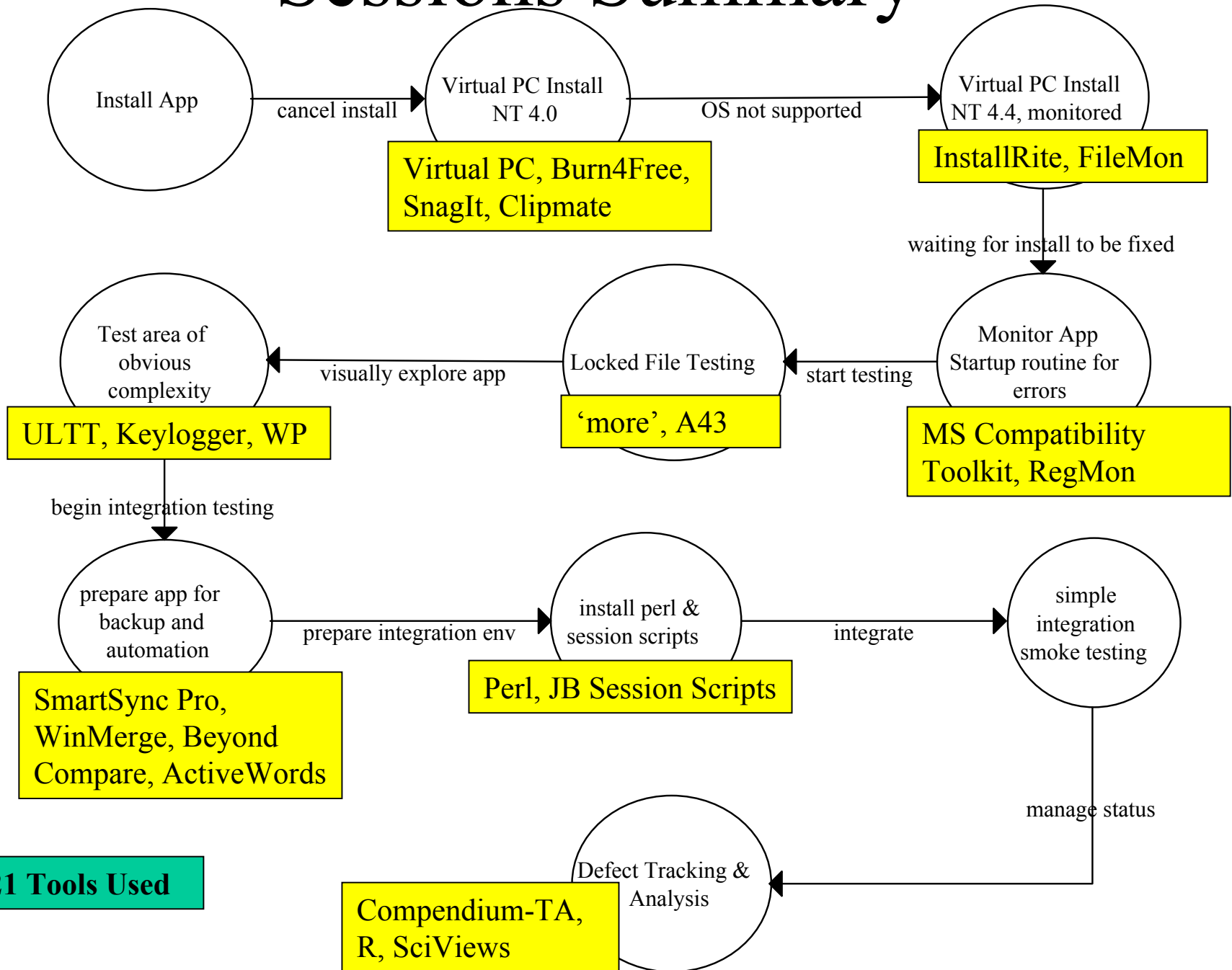
[www.planetsourcecode.com](http://www.planetsourcecode.com)

[www.hotscripts.com](http://www.hotscripts.com)

# Identifying tools for the AUT



# Sessions Summary



# Tool Classifications

## •Tool Classes & Keywords

- Emulator
- CD Image, ISO
- Screen Capture
- Clipboard Manager/Monitor/Cache
- Install/File/Registry Monitor
- LogBook
- KeyLogger
- File Locking
- File Manager/Explorer
- Reporting, Documentation
- Process Monitor
- File Management/Backup/Compare
- Macro, Automation
- Scripting Language
- Test Management/Methodology
- Statistical Analysis

- Emulator
  - Virtual PC
- CD Image, ISO
  - Burn4Free
- Screen Capture
  - SnagIt
- Clipboard Manager/Monitor/Cache
  - ClipMate
- Install/File/Registry Monitor
  - RegMon
  - FileMon
  - InstallRite
- LogBook
  - Ultimate Lo-tech Test Tool
- KeyLogger
  - Pal Keylogger
- File Locking
  - more
- File Manager/Explorer
  - A43
- Reporting, Documentation
  - Compendium-TA
  - Word Processor
- Process Monitor
  - MS Windows Compatibility Toolkit
- File Management/Backup/Compare
  - Beyond Compare
  - WinMerge
  - SmartSync Pro
- Macro, Automation
  - Active Words
- Scripting Language
  - Perl
- Test Management/Methodology
  - JB Session Based Management Scripts
- Statistical Analysis
  - SciViews
  - R

# Summary

- Using Alternative Test Tools in your personal test process gives you more choice.
- Examine your own personal test process and recognise the Alternative Tools that you already use.

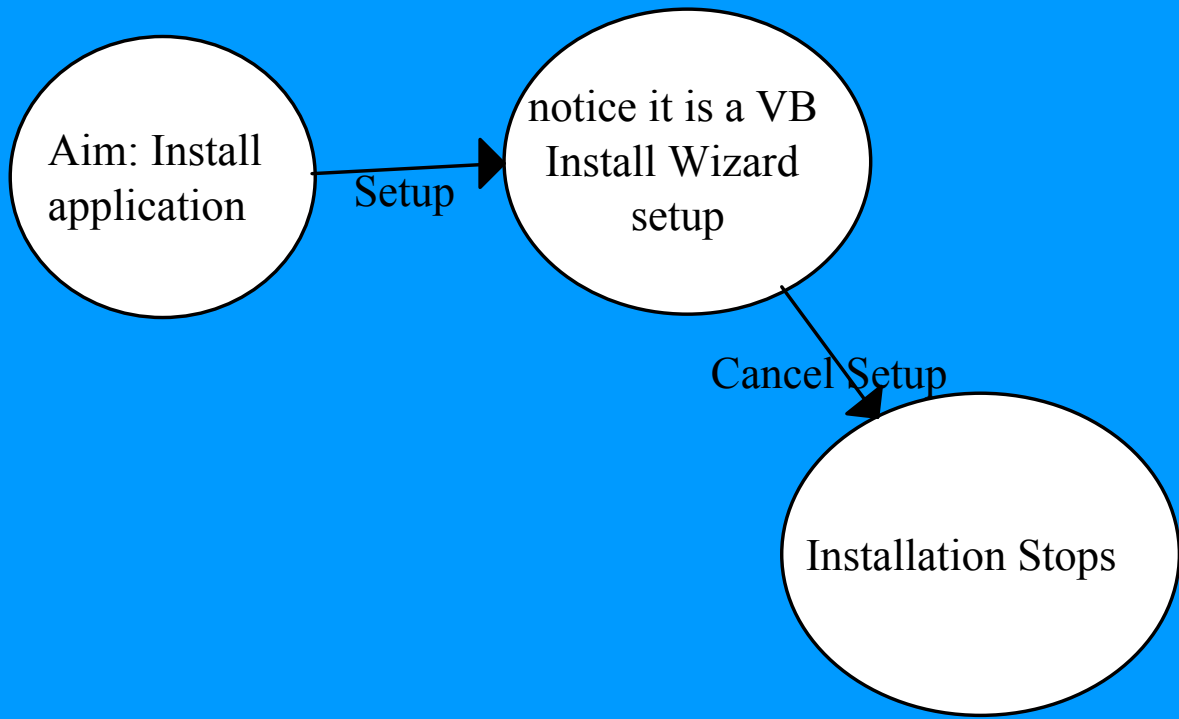
find more at [www.compendiumdev.co.uk/toolsinaction](http://www.compendiumdev.co.uk/toolsinaction)

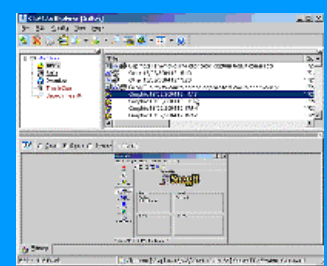
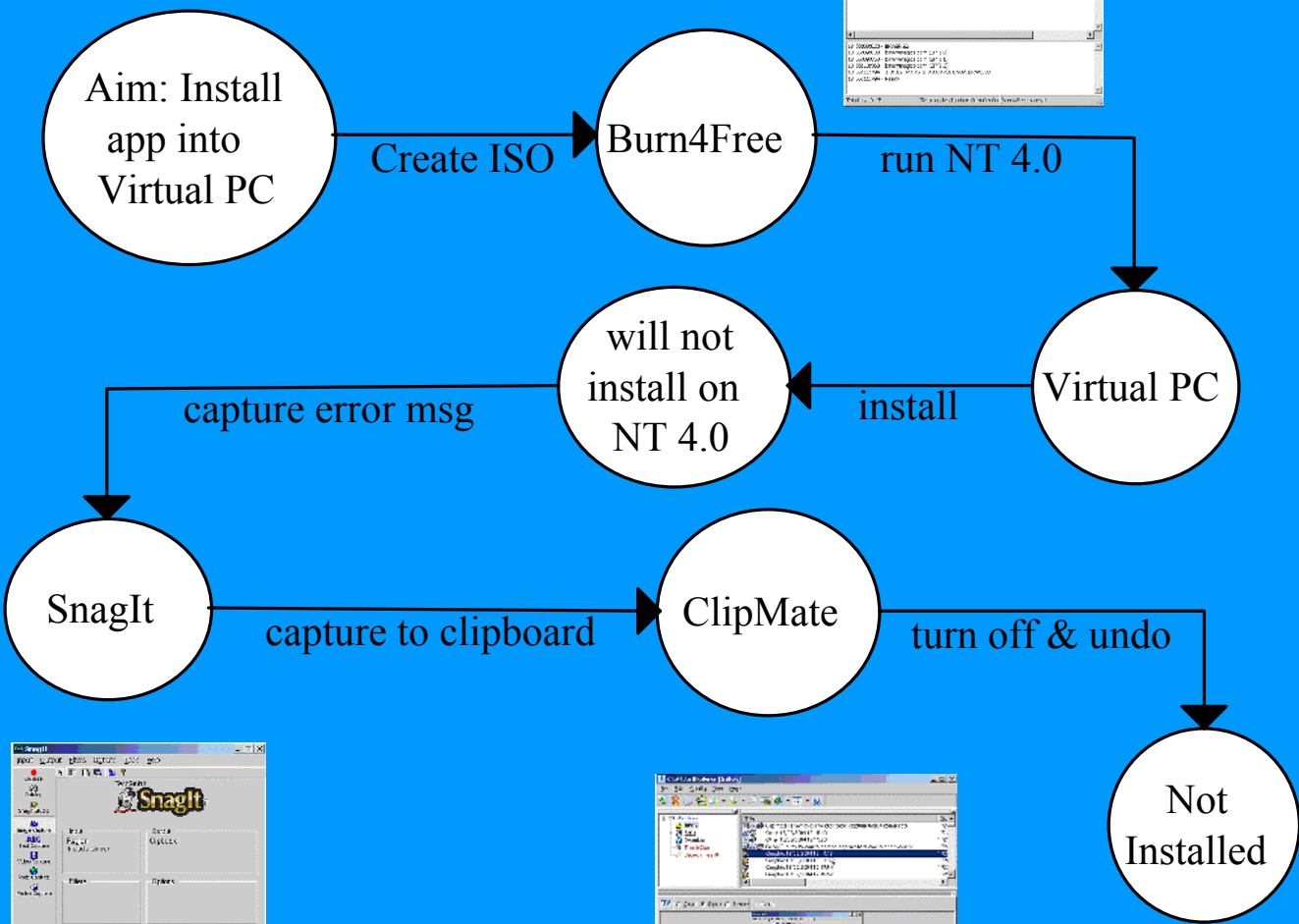
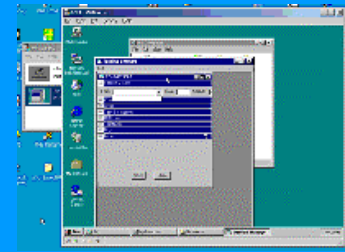
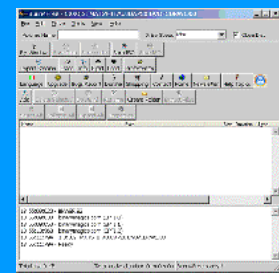
Tools Used that you did not see:  
Camtasia (screen capture),  
KeepIt (Version Control)

# The sessions in detail

- The following slides document the sessions in more detail

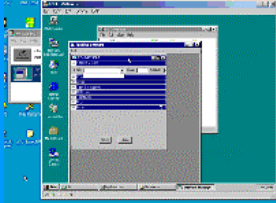






Aim: Install app into NT4.4

change hard drive image

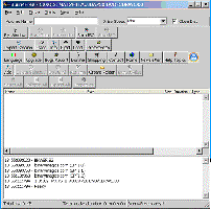


running NT4.4 on Virtual PC

run install

setup.lst missing

SnagIt error msg

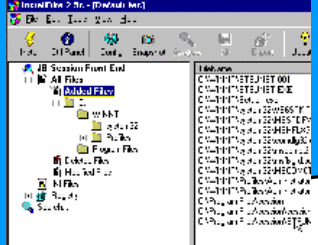


create new ISO, add installRite and fileMon

installRite on Virtual PC

monitor install

view reports



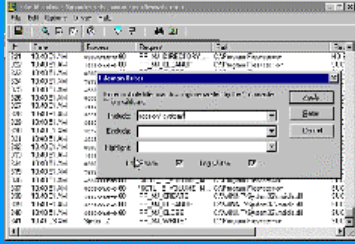
Run App under FileMon

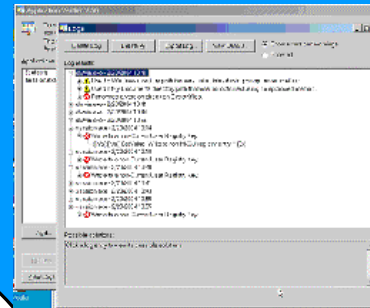
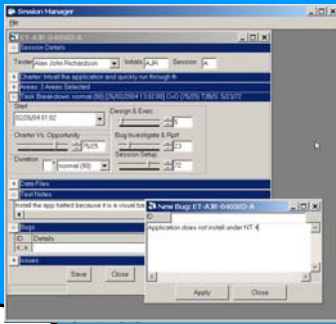
missing paths.txt and testers.txt

investigate missing files

turn off & keep changes

installrite still installed





Aim: Explore App startup routine

ready to monitor

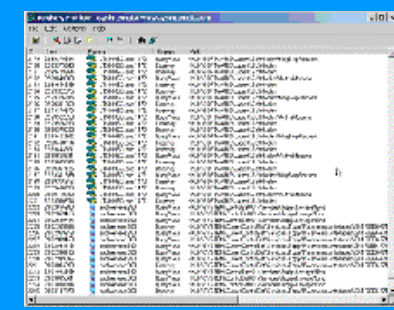
Microsoft Windows Application Compatibility Toolkit

run app

investigate compatibility warnings

investigate registry calls

run regMon





Aim: explore area of greatest complexity

monitor

Keylogger

Run & Verify

scan GUI for complexity

sketch test

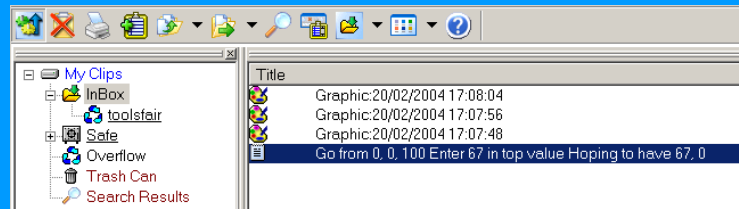
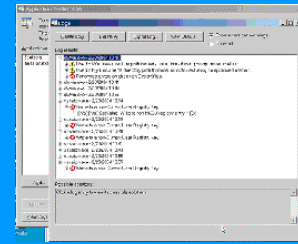
test task breakdown

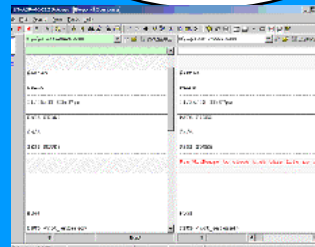
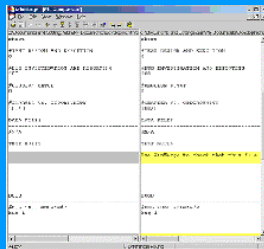
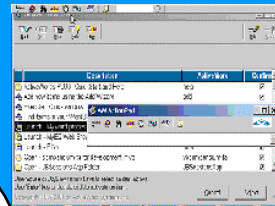
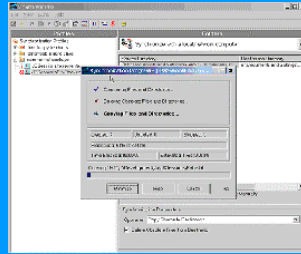
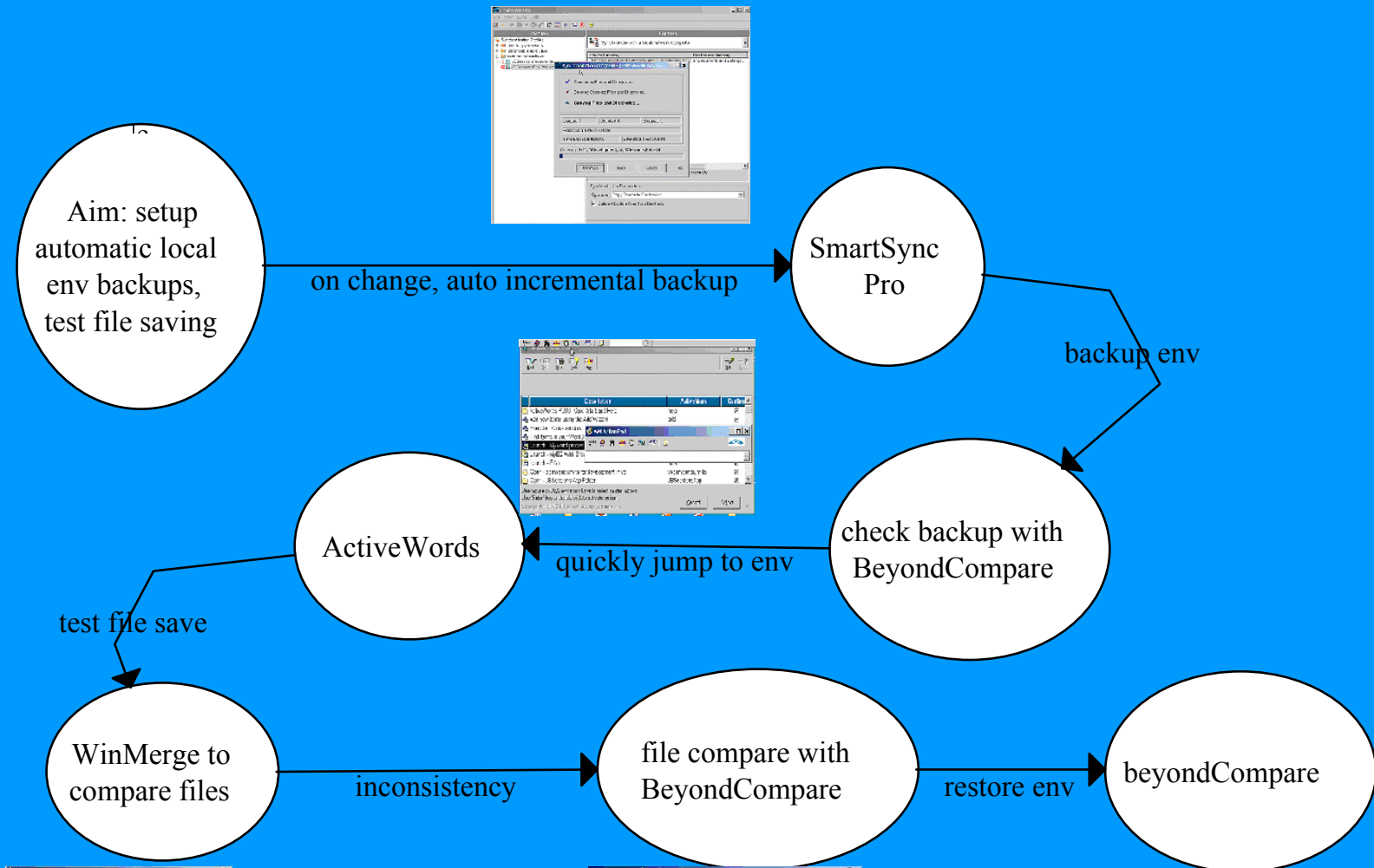
test fails

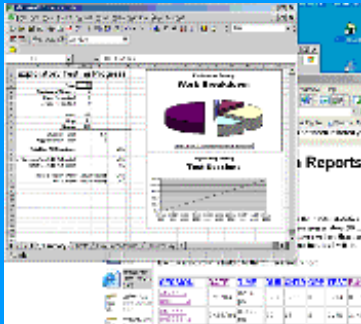
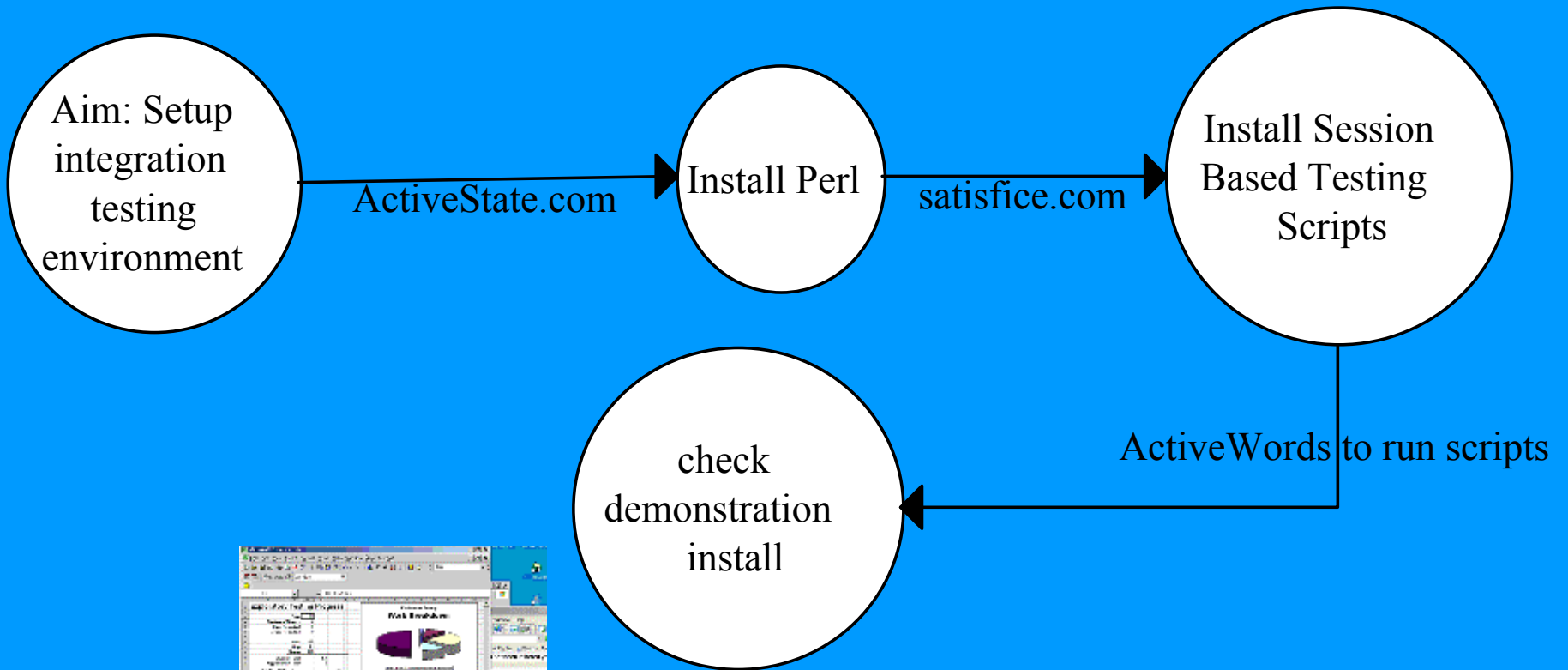
rerun using SnagIt & ClipMate as a log

record log in word

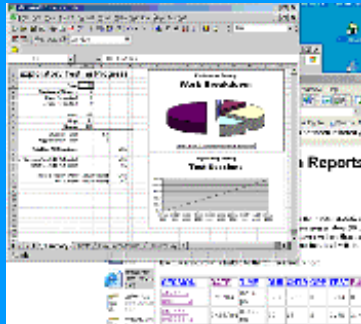
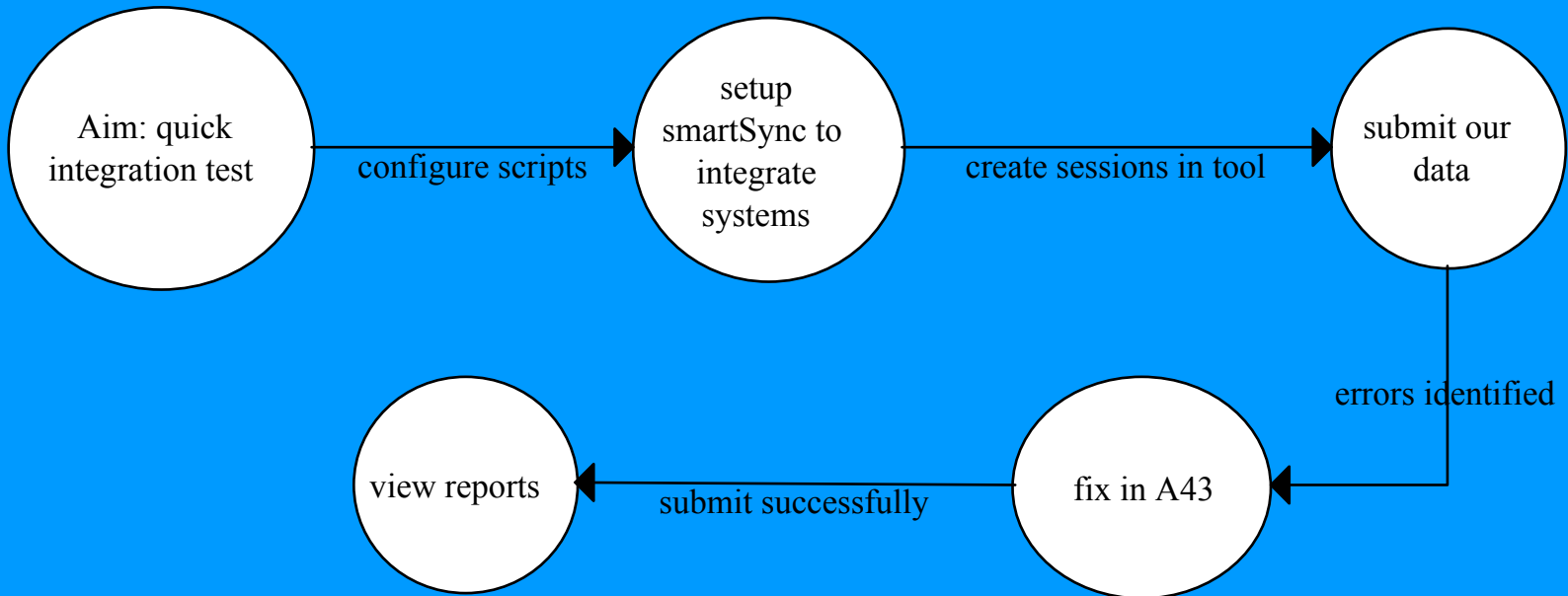
review keylog

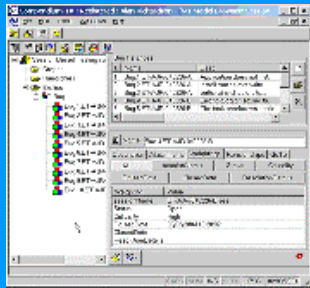
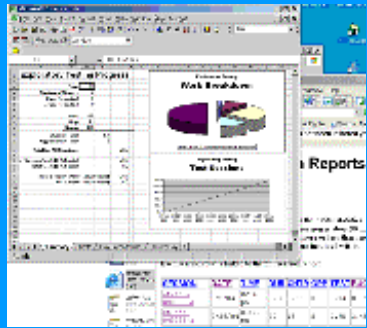




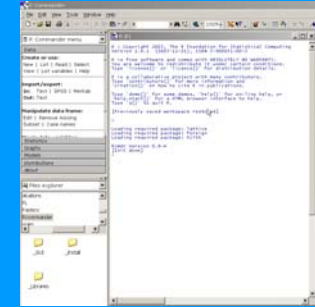








ID	Name	Desc	Resolutio
1	Bug.1.ET-AJR-040226-A	Application does not inst...	
2	Bug.2.ET-AJR-040226-A	Install routine overwrite...	
3	Bug.3.ET-AJR-040226-A	paths.txt and testers.txt...	
4	Bug.4.ET-AJR-040226-B	Error dialog on saving to...	
5	Bug.5.ET-AJR-040226-B	The task breakdown sectio...	
6	Bug.6.ET-AJR-040226-B	When the main form (sessi...	
7	Bug.7.ET-AJR-040302-A	System allows you to crea...	
8	Bug.8.ET-AJR-040302-A	System data files have th...	
9	Bug.9.ET-AJR-040302-A	The files have such names...	



Aim: Track the defects and generate metrics

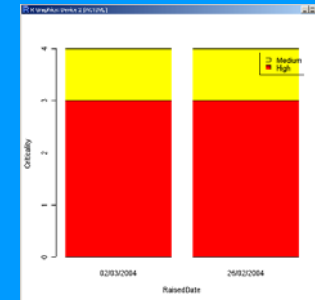
setup Compendium-TA

raise defects from SBT logs

extract to CSV

Process in R

```
"ID", "Name", "Desc", "GUID", "sessionName",
"1", "Bug.1.ET-AJR-040226-A", "Application
", "B906B66B-2E8C-4779-874B-A6229F4B4FAF".
"2", "Bug.2.ET-AJR-040226-A", "Install rou
", "680921F1-A856-4408-8FDC-2770CAA872B6".
"3", "Bug.3.ET-AJR-040226-A", "paths.txt, a
```



[www.compendiumdev.co.uk/toolsinaction](http://www.compendiumdev.co.uk/toolsinaction)