



**40 of the BEST\*, FREE  
Software Testing Tools\*\*  
in 60 Minutes!**

By  
**Jess Lancaster**  
TechSmith®

Twitter @jessclancaster  
LinkedIn jesslancaster



# TechSmith®



## Snagit

### Image and Video Screen Capture

Snagit lets you create images and videos to provide feedback, create clear documentation, and show others exactly what you see.



## Camtasia

### Screen Recording and Video Editing

Powerful, yet easy-to-use, Camtasia helps you create professional videos without having to be a video pro.



## TechSmith Relay

### Enterprise-wide Video Solution

Let anyone in your organization easily record lectures, meetings, or training sessions from virtually anywhere.



## Jing

### Share Ideas Instantly

A simple, free way to start sharing images and short videos of your computer screen and easily share them on the web.



## Screencast.com

### Video and Content Hosting

Easily store and share the great content you create using TechSmith products with Screencast.com.



## Morae

### User Experience and Market Research

From focus groups to usability studies, Morae gives you insight into your users' experiences by providing powerful data.



**Read the fine print**

**\*BEST = MY JUDGMENT AT THIS CURRENT MOMENT IN TIME BASED ON MY RESEARCH, EXPERIENCE, AND RECOMMENDATIONS FROM OTHER TESTERS I DEEPLY RESPECT**

**\*\*TOOL = MERRIAM-WEBSTER: SOMETHING (SUCH AS AN INSTRUMENT OR APPARATUS) USED IN PERFORMING AN OPERATION OR NECESSARY IN THE PRACTICE OF A VOCATION OR PROFESSION**

# WHAT DOES 40 IN 60 LOOK LIKE?

Intro – 5 minutes

My Best Tools – 35 minutes

Your Best Tool Share Outs – 15 minutes

Questions – 5 minutes



# SO, JESS, HOW CAN YOU COVER 40 IN 60?

Who: <What kind of tester need does it fulfill? What purpose does it serve?>

What: <What can I do with it?>

Where: <address please <http://>>

Oh, and be on the lookout for Tim the Toolman!

These tools are my Best of the Best!



WE NEED YOUR HELP! SHARE YOUR FREE TOOL  
RECOMMENDATION LIKE THIS IN THE WEBINAR COMMENTS

## Tool Name

Who: <What kind of tester need does it  
fulfill? What purpose does it serve?>

What: <What can I do with it?>

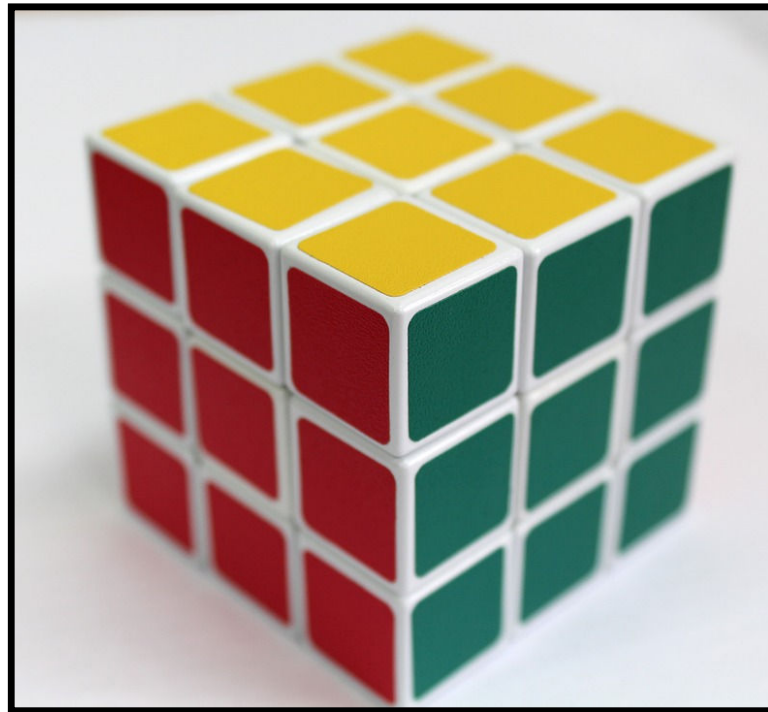
Where: <address please [http://](#)>



# PREPARE THE TIMER!



# CATEGORY: THINKING TOOLS





# #1 YOUR BRAIN

Who: Any Tester wanting to improve their testing effectiveness

What: Upgrade some thinking today

Experience is a fabulous teacher. Use the gray matter between your ears to solve tough problems in testing, try new things, follow your tester's intuition when exploring software, and innovate on your processes – making them faster, more reliable, and with a higher degree of quality.

Where: Inside your head.

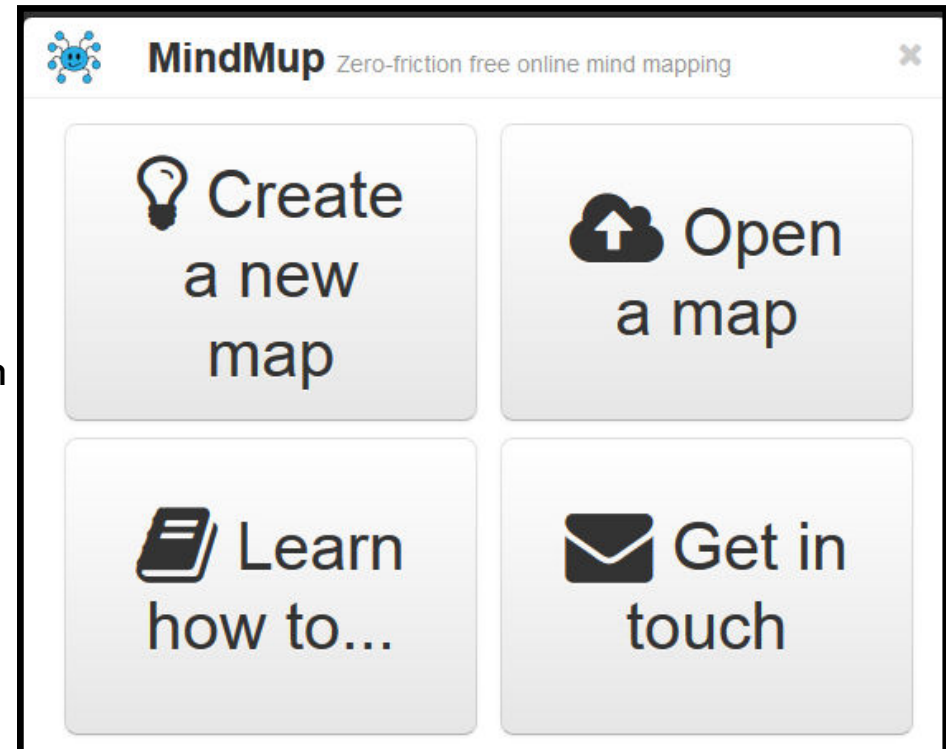


## #2 MINDMUP

Who: Testers that want to visually design tests or organize test ideas in an easy to understand format

What: A cloud-based mind mapping tool running in Chrome, complete with collaboration features

Where: <https://www.mindmup.com/>





# #3 BLACK BOX SOFTWARE TESTING COURSES

Who: Any tester wanting to grow their testing skills

What: Courses to build a solid testing skillset – Foundations of Software Testing, Bug Advocacy, and Test Design

Where: <http://testingeducation.org>

## Testing Education

ABOUT THE LAB    COURSE NOTES    HIVAT    LAB ARTICLES

---

# About the Lab

Our mission is to: "Create effective, grounded, timely materials to support the teaching and self-study of software testing, software reliability, and quality-related software metrics."

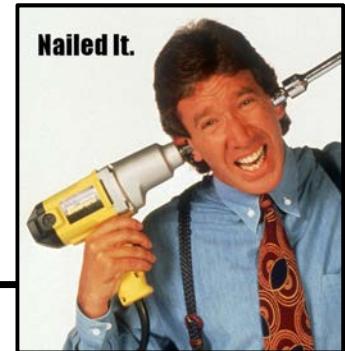
---

We are currently (September 2012) working on several projects:

- **BBST** ® (the **Black Box Software Testing series**). This series of courses introduces students to testing:
  - Foundations of Software Testing
  - Bug Advocacy: Effective Bug Investigation & Reporting
  - Test Design: A Survey of Black Box Software Testing Techniques
  - The BBST Instructors Course, for people who have taken BBST and want to teach it

NOTE: BBST is a registered trademark of Kaner, Fiedler & Associates, LLC.

# #4 THE HEURISTIC TEST STRATEGY MODEL



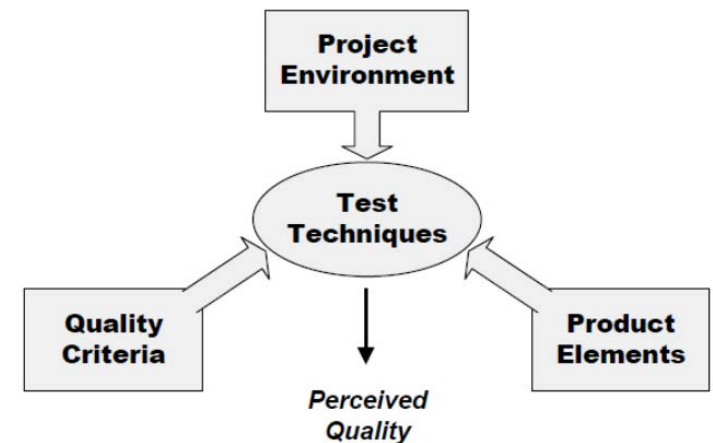
Who: Every tester must consider this model when assessing the testing needs of an application

What: If your looking for a model by which to plan a test strategy project, design tests, explore the software, and assess quality. Oh, and provide valuable feedback and find a ton of bugs...

Where: <http://www.satisfice.com/tools/htsm.pdf>

Designed by James Bach  
[james@satisfice.com](mailto:james@satisfice.com)  
[www.satisfice.com](http://www.satisfice.com)  
Copyright 1996-2013, Satisfice, Inc.

## Heuristic Test Strategy Model



# CATEGORY: PRODUCTIVITY TOOLS

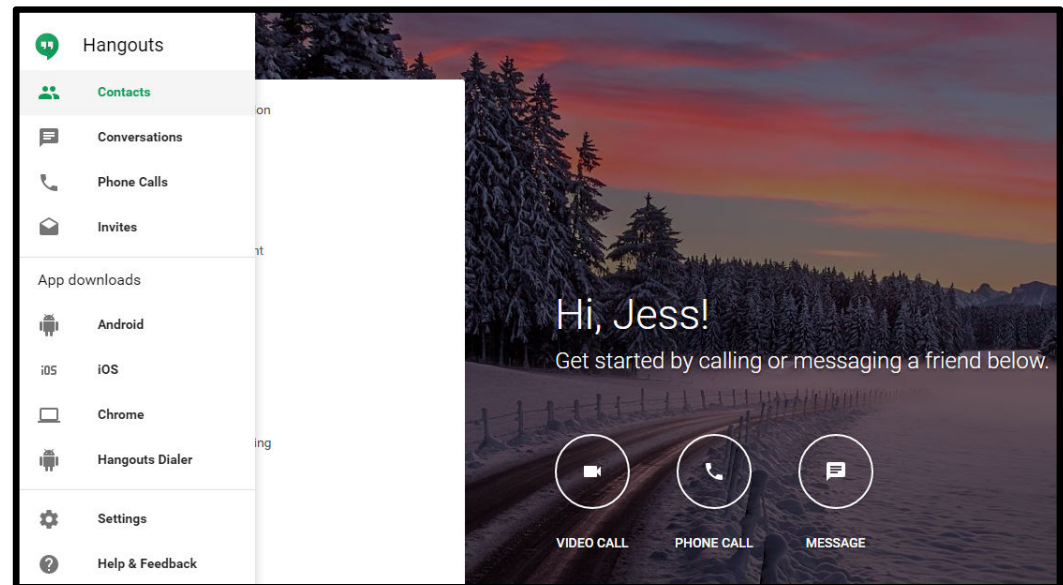


# #5 GOOGLE HANGOUTS

Who: Any Tester interacting with Offsite Team Members

What: Google Hangouts – video conferencing / collaborating tool

Where: <https://hangouts.google.com/>



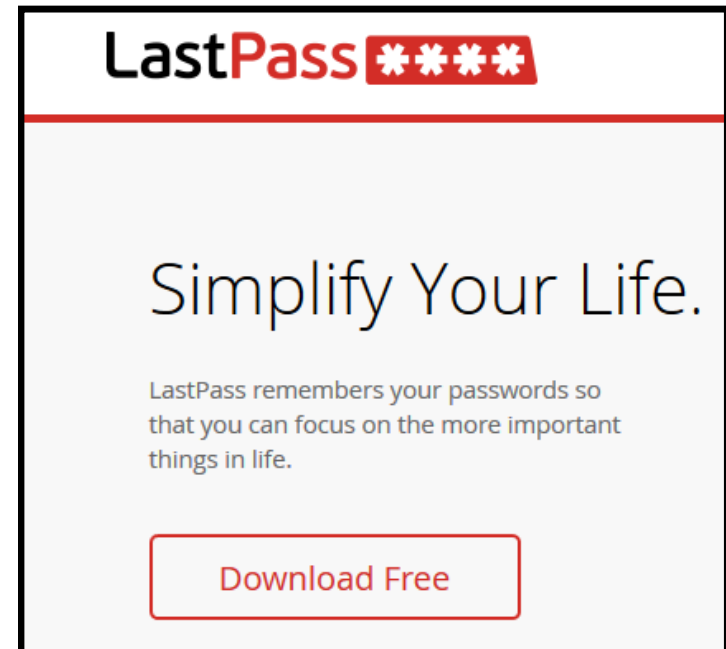


# #6 LASTPASS

Who: Any Tester that doesn't want to remember every user ID and password for every stinking application and system on they access on planet earth

What: Password management – plain and simple

Where: <https://lastpass.com/>

A graphic for LastPass. At the top, the text "LastPass" is followed by four asterisks in a red box. Below this is a horizontal red line. The main text reads "Simplify Your Life." followed by a smaller line: "LastPass remembers your passwords so that you can focus on the more important things in life." At the bottom, there is a red-bordered button with the text "Download Free".

LastPass \*\*\*\*

---

## Simplify Your Life.

LastPass remembers your passwords so that you can focus on the more important things in life.

Download Free

# #7 GENERATEDATA.COM

Who: Any Tester that needs some data, like right now!

What: It lets you quickly generate custom data in a variety of formats for use in testing software, populating databases, etc. It has a variety of export options!

Where: <http://www.generatedata.com/#t1>

The screenshot shows the generatedata.com website interface. At the top, there's a logo with two green dice and the text "generatedata.com". Below the logo are navigation tabs: "Generate" (active), "About", "News", and "Donate". A text input field contains "Your data set name here...". Below that is a section for "COUNTRY-SPECIFIC DATA" with a dropdown menu set to "All countries". The "DATA SET" section features a table with columns: "Order", "Column Title", "Data Type", and "Examples". The table has four rows, each with a "Select Data Type" dropdown. Below the table is an "Add" button with a "1" input and a "Row(s)" button. The "EXPORT TYPES" section has tabs for "CSV", "Excel", "HTML" (active), "JSON", "LDIF", "Programming Language", "SQL", and "XML". Under "Data format", there are radio buttons for "<table>" (selected), "<ul>", and "<dl>". There's also a checkbox for "Use custom HTML format" with an "edit" button. At the bottom, there's a "Generate" button with a "100" input and "rows" text, and radio buttons for "Generate in-page" (selected), "New window/tab", and "Prompt to download". The footer contains "3.1.4 | Documentation | Report a bug" with a bug icon.

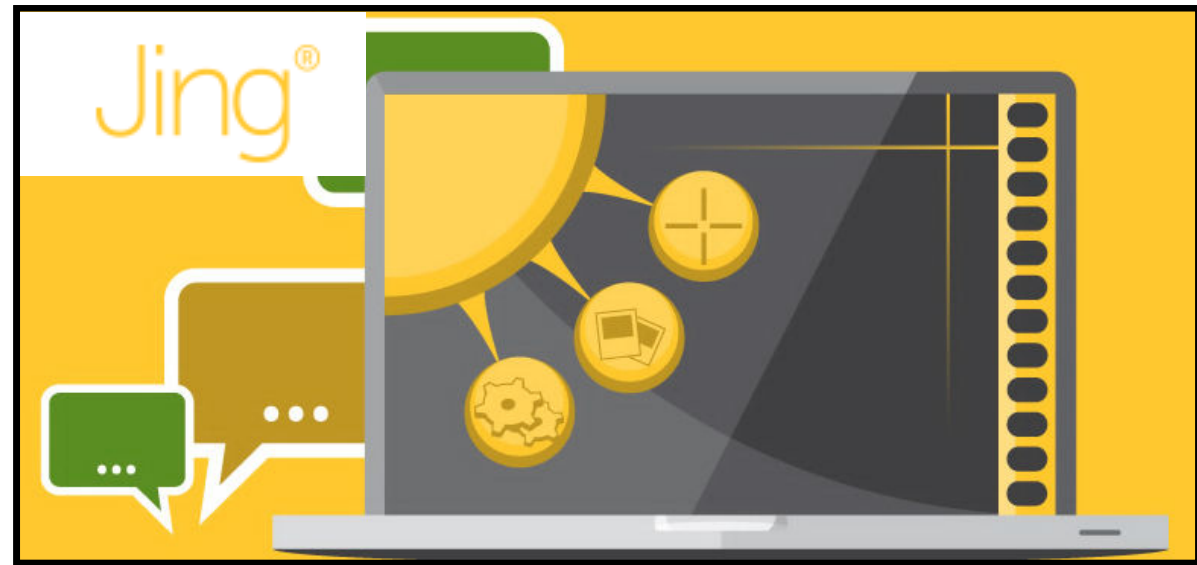
## #8 JING

Who: Any Tester wanting to take quick and easy screenshots or short videos and effortlessly share them out

What: Image and video capture of your screen + basic edits + sharing a link from screencast.com

Where:

<https://www.techsmith.com/jing.html>

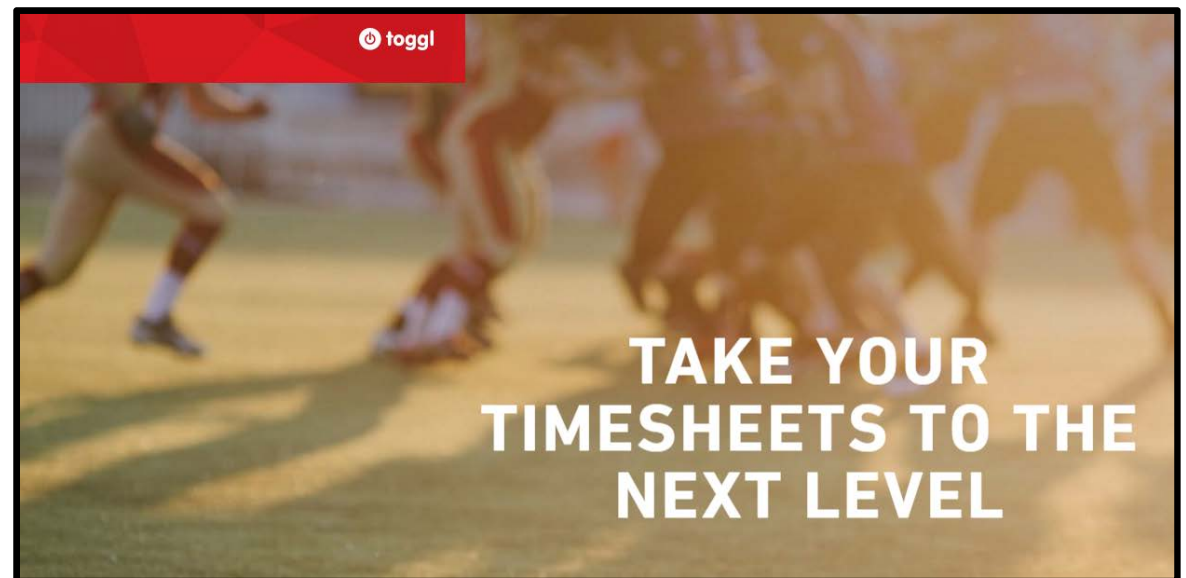


## # 9 TOGGL

Who: Any Tester with a time tracking need

What: Time tracking that can be used for better tracking and planning

Where: <http://www.toggl.com/>





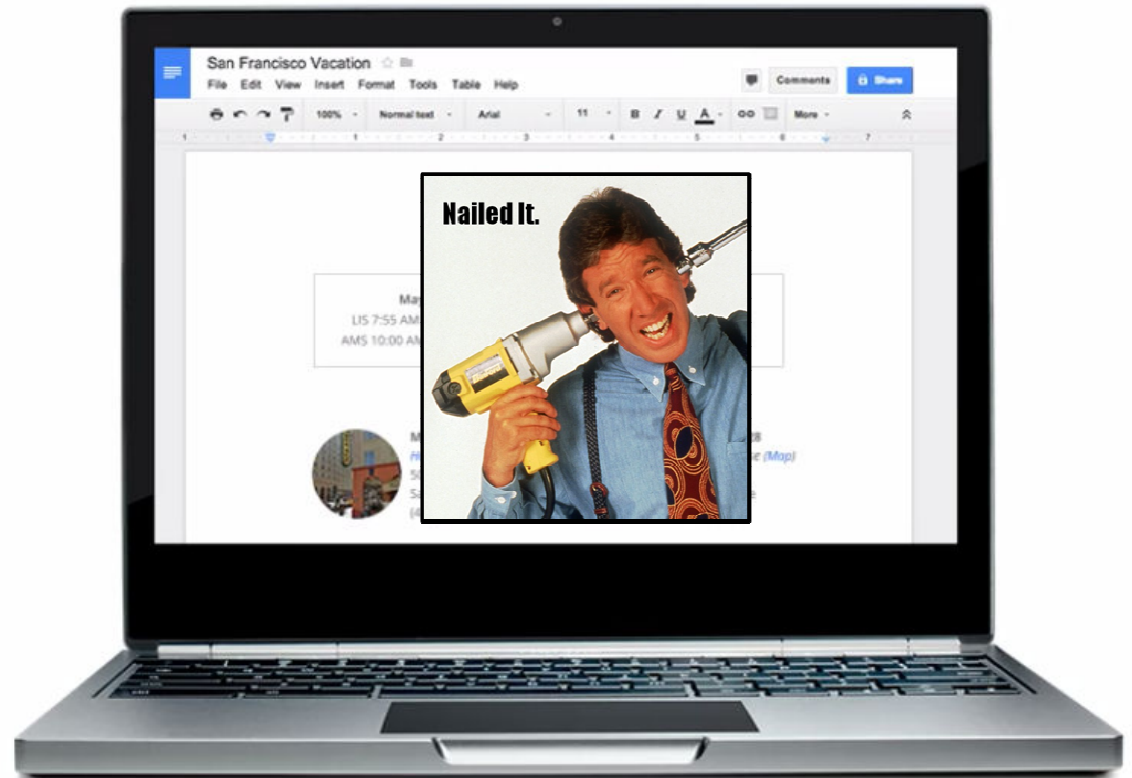
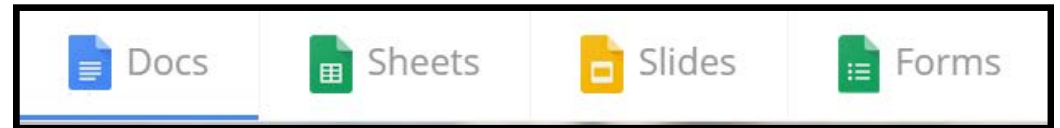
# #10 GOOGLE APPS

Who: Any tester looking for document creation, sharing, and with awesome collaboration abilities!

What: Documents, Spreadsheets, Slide Presentations, and Forms for Surveys. Everyone can work on the same document at the same time!

Where:

<https://apps.google.com/products/>



# #11 TRELLO

Who: Any Tester or team who needs to organize work tasks

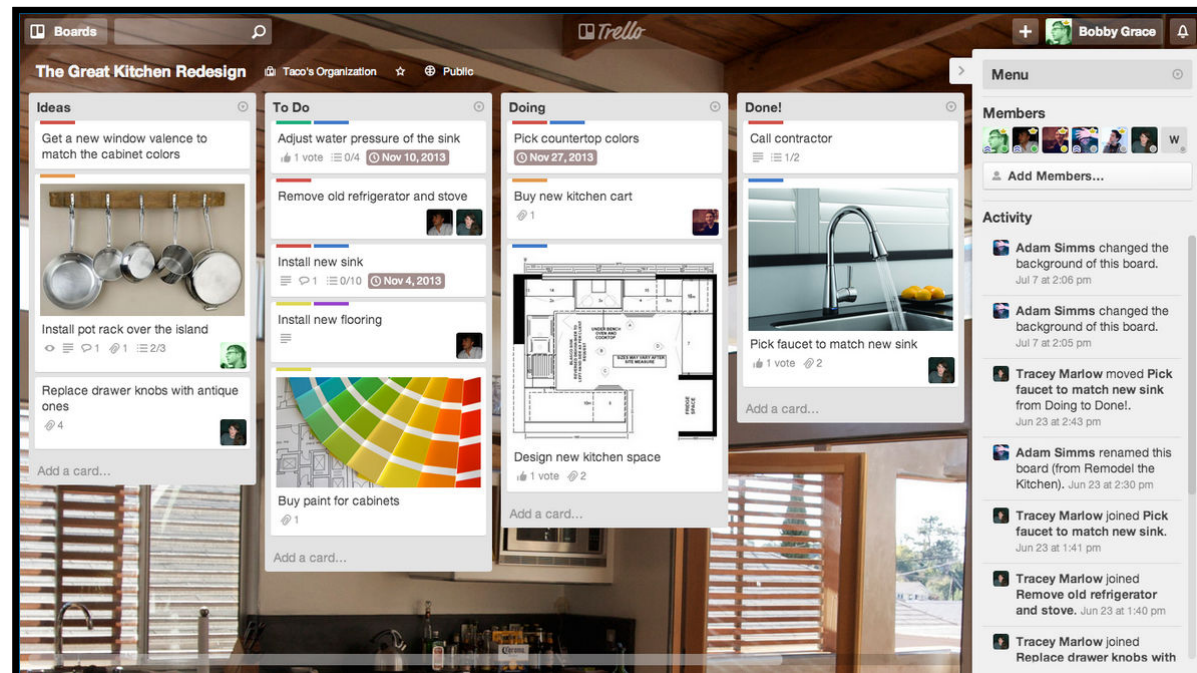
What: Organize your personal tasks in lists, or use the tool for project collaboration

Where: <https://trello.com/>





**Trello is the free, flexible, and visual way to organize anything with anyone.**



REMINDER: WE NEED YOUR HELP! SHARE YOUR FREE TOOL RECOMMENDATION LIKE THIS IN THE WEBINAR COMMENTS

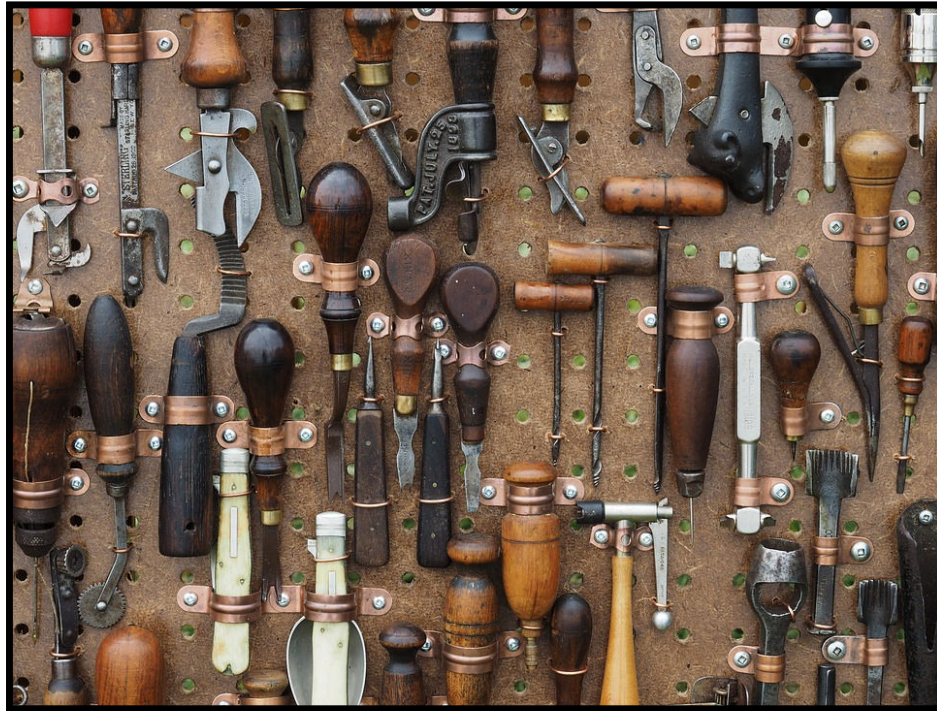
## Tool Name

Who: <What kind of tester need does it fulfill? What purpose does it serve?>

What: <What can I do with it?>

Where: <address please [http://](#)>

# CATEGORY: TOOLS THAT WE USE IN TESTING



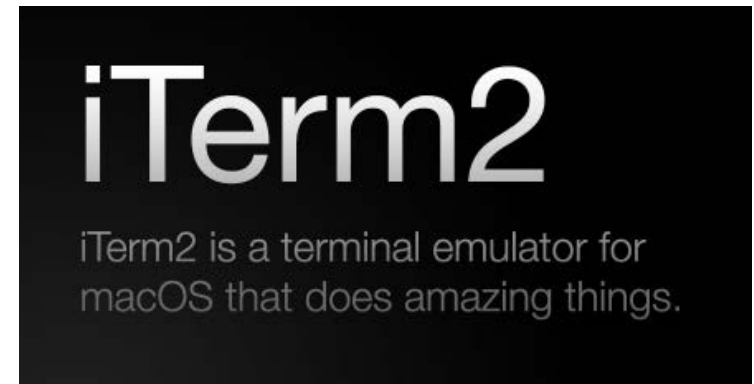


## # 12 ITERM2 (MAC)

Who: Anyone viewing terminal windows on a Mac

What: Great for looking at logs on multiple servers

Where: <https://www.iterm2.com/>

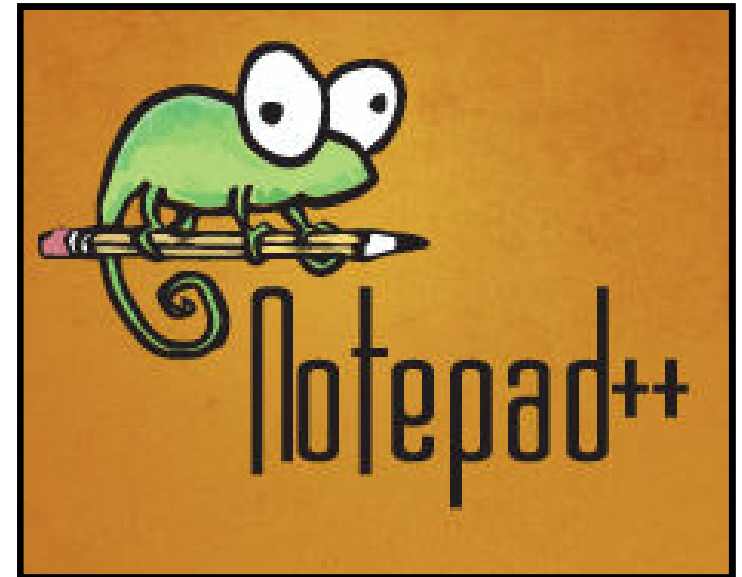


## #13 NOTEPAD ++

Who: Any Tester that wants more out of a text editor

What: Notepad++ is a free source code editor and Notepad replacement that supports several languages. It runs in MS Windows environment.

Where: <https://notepad-plus-plus.org/>

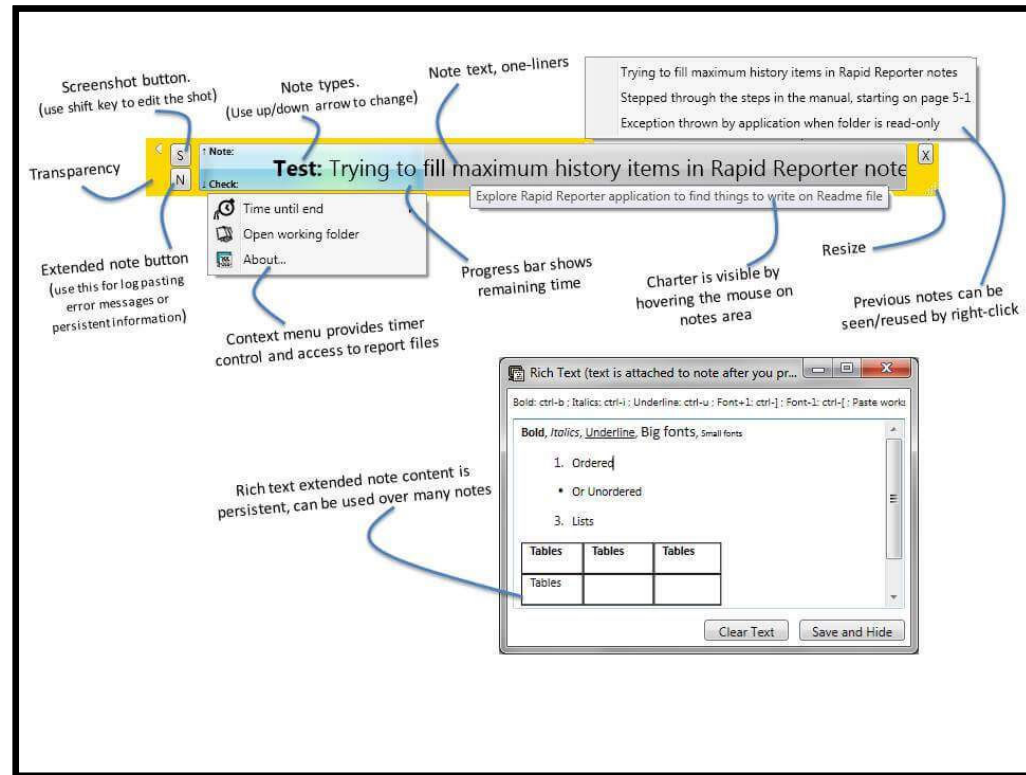


# #14 RAPID REPORTER

Who: Any Tester wanting to do session-based testing with notes management

What: A note taking application that aids in the reporting process of SBTM – Session-Based Test Management. SBTM is a method for managing exploratory tests, which relies on notes taken during an uninterrupted testing session and a review of these notes afterwards.

Where: <http://testing.gershon.info/reporter/>



# #15 FIREEYES

Who: Testers looking for Accessibility feedback on the Web

What: A Firebug Plugin that runs with Firebug. With FireEyes you can review your testing results which include details about the specific standard in violation, the capability to highlight the specific area of the page where the error is located, and inspect the issue directly in your browser. Then you can download the results as a report.

Where: <http://www.deque.com/products/fireeyes/>





# #16 BURP SUITE

Who: Any Tester wanting to monitor network traffic or do some security testing

What: Burp Suite is an integrated platform for performing security testing of web applications. Its various tools work well together to support the entire testing process, from initial mapping and analysis of an application's attack surface, through to finding and exploiting security vulnerabilities.

Where: <http://portswigger.net/burp/>



Free Edition	
Burp Proxy	✓
Burp Spider	✓
Burp Repeater	✓
Burp Sequencer	✓
Burp Decoder	✓
Burp Comparer	✓
Burp Intruder	?
Time-throttled demo	

# # 17 JMETER



Who: Performance Testing Testers

What: Scaling performance tests and cross platform. The **Apache JMeter™** application is open source software, a 100% pure Java application designed to load test functional behavior and measure performance. It was originally designed for testing Web Applications but has since expanded to other test functions.

Where: <http://jmeter.apache.org/>

# #18 CHECK MY LINKS

Who: Any Tester working with web pages

What: Quickly check all of the links on a page to see if they are working

Where:

<https://chrome.google.com/webstore/category/extensions>

**Check My Links**  
offered by Paul Livingstone  
★★★★☆ (202) | Developer Tools | 100,837 users

OVERVIEW | REVIEWS | SUPPORT | RELATED

Link Results  
**100%**  
Links: 505 | Queued: 0  
475 | 30

Wikipedia article: **Seagram Building**  
Main article: [Seagram Building](#)

In 1958, Mies van der Rohe designed what is often regarded as the pinnacle of the modernist high-rise architecture, the [Seagram Building](#) in [New York City](#). Mies was chosen by the daughter of the client, [Phyllis Bronfman Lambert](#), who has become a noted architectural figure and patron in her own right. The Seagram Building has become an icon of the growing power of the corporation, that defining institution of the 20th century. In a bold and innovative move, the architect chose to set the tower back from the [property line](#) to create a forecourt plaza and fountain on [Park Avenue](#). Although now acclaimed and widely influential as an urban design feature, Mies had to convince Bronfman's bankers that a taller tower with significant "unused" open space at ground level would enhance the presence and prestige of the building. Mies' design included a bronze curtain wall with external H-shaped [windows](#) that were soaggregated in depth beyond what was structurally necessary. Detractors criticized it as having committed Adolf Loos's ["Crime of Monumentality"](#). Philip Johnson had a role in interior materials' selections, and he designed the sumptuous [Four Seasons Restaurant](#), which has endured un-renovated to today. The Seagram Building is said to be an early example of the innovative "fast-track" construction process, where design documentation and construction are done concurrently.

Using the Seagram as a prototype, Mies' office designed a number of modern [high-rise](#) office towers, notably the [Aon Center](#), [Federal Center](#), [MCA](#), which includes the [Bishop](#) and [McCormick](#), Federal Buildings and [Port Office](#), [424](#) (1959) and the [IBM Plaza](#) in Chicago, the [Westminster](#), [Sears](#) in Montreal, and the [Toronto Dominion Centre](#) in 1967. Each project applies the prototype rectangular form on slabs and even more refined enclosure wall systems, but each creates a unique set of exterior spaces that are an essential aspect of his creative efforts.

During 1951-1952, Mies designed the steel, glass and brick [McCormick House](#), [404](#), located in [Evanston, Illinois](#), (15 miles west of the Chicago Loop) for real-estate developer Robert Hall McCormick, Jr. A one story adaptation of the exterior curtain wall of his famous 800-800 Lake Shore Drive towers, it served as a prototype for an unbuilt series of speculative houses to be constructed in Maroon Park, Illinois. The house has been moved and reconfigured as a part of the public [Simmons Art Museum](#), [404](#).

**Educator**

Mies played a significant role as an educator, believing his architectural language could be learned, then applied to design any type of modern building. He set up a new education at the Department of Architecture of the [Illinois Institute of Technology](#), in Chicago replacing the old-fashioned [École des Beaux-Arts](#) attitude by a three-step-education beginning with crafts of building leading to planning skills and finishing with theory of architecture (compare [Vernunft](#), [Simtas](#), [utilitas](#), [verustas](#)). He worked personally and intensively on prototype solutions, and then allowed his students, both in school and his office, to develop derivative solutions for specific projects under his guidance. Some of Mies' curriculum is still put in practice in the first and second year programs at IT, for example the excruciating drafting of bricks in second year. But when none was able to match the genius and poetic quality of his own work, he agonized about where his educational method had gone wrong. Nevertheless his achievements for an architecture created out of modern technology survived very successfully until today by others and is known as [high-tech architecture](#).

Mies placed great importance on education of architects who could carry on his design principles. He devoted a great deal of time and effort leading the architecture program at IIT. Mies served on the initial Advisory Board of the [Architectural Association](#) in Chicago.

# CATEGORY: AUTOMATION TOOLS





# #19 SELENIUM WEBDRIVER AND IDE

Who: Testers wanting to drive web browsers across platforms

What: Create browser-based regression automation tests, and scale and distribute scripts across many environments – or create scripts to aid in exploratory testing

Where: <http://www.seleniumhq.org/>

Selenium WebDriver	Selenium IDE
	
If you want to	If you want to
<ul style="list-style-type: none"><li>• create robust, browser-based regression automation suites and tests</li><li>• scale and distribute scripts across many environments</li></ul>	<ul style="list-style-type: none"><li>• create quick bug reproduction scripts</li><li>• create scripts to aid in automation-aided exploratory testing</li></ul>





# #20



Who: Any Tester that wants to eat a zero calorie vegetable...and fall in love with automation.

What: Cucumber lets software development teams describe how software should behave in plain text.

Where: <https://cucumber.io/>

## 1. Describe behaviour in plain text

```
Feature: Addition
  In order to avoid silly mistakes
  As a math idiot
  I want to be told the sum of two numbers

Scenario: Add two numbers
  Given I have entered 50 into the calculator
  And I have entered 70 into the calculator
  When I press add
  Then the result should be 120 on the screen
```

## 2. Write a step definition in Ruby

```
Given /I have entered (.*) into the calculator/ do |n|
  calculator = Calculator.new
  calculator.push(n.to_i)
end
```

## 3. Run and watch it fail

```
$ cucumber features/addition.feature
Feature: Addition # features/addition.feature
  In order to avoid silly mistakes
  As a math idiot
  I want to be told the sum of two numbers
  Scenario: Add two numbers # features/additi
    Given I have entered 50 into the calculator # features/step_d
      uninitialized constant Calculator (NameError)
      ./features/step_definitions/calculator_steps.rb:2:in `Given /
features/addition.feature:7:in `Given I have entered 50 into
    And I have entered 70 into the calculator # features/step_d
    When I press add # features/additi
    Then the result should be 120 on the screen # features/additi
```

## 4. Write code to make the step pass

```
class Calculator
  def push(n)
    @args ||= []
    @args << n
  end
end
```

## 5. Run again and see the step pass

```
$ cucumber features/addition.feature
Feature: Addition # features/addition.feature
  In order to avoid silly mistakes
  As a math idiot
  I want to be told the sum of two numbers
  Scenario: Add two numbers # features/additi
    Given I have entered 50 into the calculator # features/step_d
    And I have entered 70 into the calculator # features/step_d
    When I press add # features/additi
    Then the result should be 120 on the screen # features/additi
```

## 6. Repeat 2-5 until green like a cucumber

```
$ cucumber features/addition.feature
Feature: Addition # features/addition.feature
  In order to avoid silly mistakes
  As a math idiot
  I want to be told the sum of two numbers
  Scenario: Add two numbers # features/additi
    Given I have entered 50 into the calculator # features/step_d
    And I have entered 70 into the calculator # features/step_d
    When I press add # features/step_d
    Then the result should be 120 on the screen # features/step_d
```

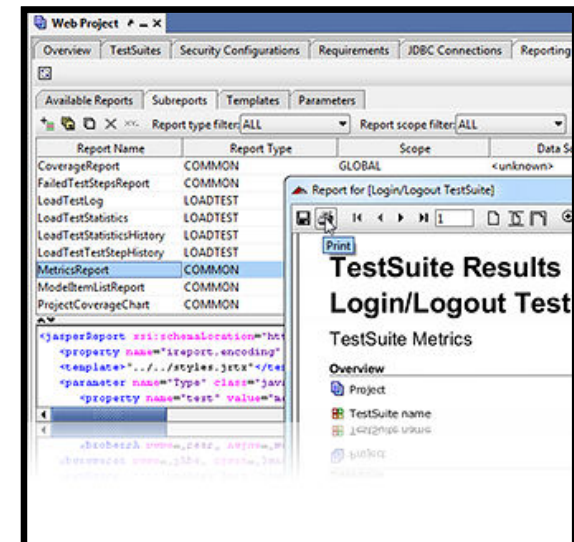
# #21 SOAPUI



Who: Any Tester needing to test Web Services and APIs

What: SoapUI is an open source cross-platform Functional Testing tool for Service Oriented Architecture (SOA) and Web Service testing. With an easy-to-use graphical interface, and enterprise-class features, SoapUI allows you to easily and rapidly create and execute automated functional, regression, compliance, and load tests.

Where: <http://www.soapui.org/>



## #22 POSTMAN

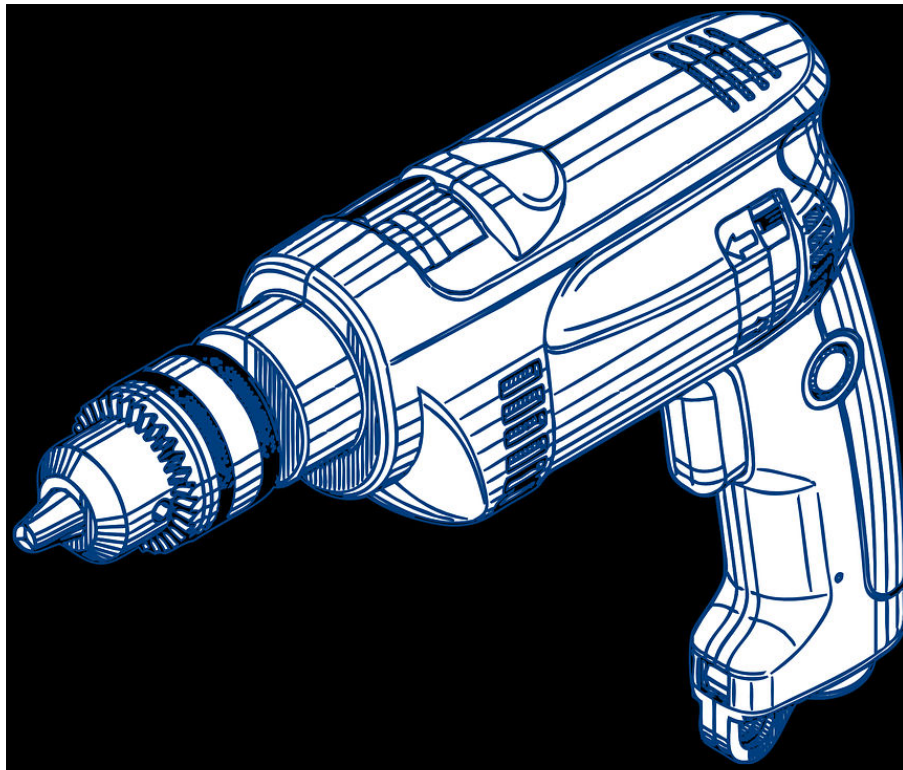
Who: Any Tester needing to test Web Services and APIs

What: Supercharge your API workflow with Postman! Build, test, and document your APIs faster. REST testing for browsers

Where: <https://www.getpostman.com/>



# CATEGORY: TECHNICAL TOOLS



# #23 FIREBUG

Who: Focused Testers Feeling Frankly Fervent For Firefox Flavor

What: Firebug integrates with Firefox to put a wealth of web development tools at your fingertips while you browse. You can edit, debug, and monitor CSS, HTML, and JavaScript live in any web page.

Where: <http://getfirebug.com/whatisfirebug>



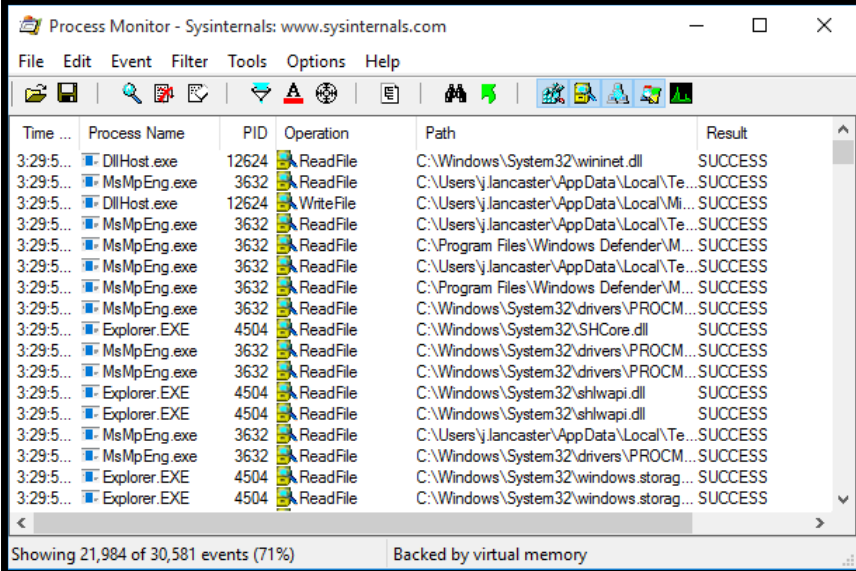


# #24 PROCESS MONITOR

Who: Testers needing deep system monitoring capabilities

What: *Process Monitor* is an advanced monitoring tool for Windows that shows real-time file system, Registry and process/thread activity. It combines the features of two legacy Sysinternals utilities, *Filemon* and *Regmon*, and adds an extensive list of enhancements including rich and non-destructive filtering, comprehensive event properties

Where: <https://technet.microsoft.com/en-us/library/bb896645.aspx>



The screenshot shows the Process Monitor application window with a list of events. The table below represents the data visible in the screenshot.

Time ...	Process Name	PID	Operation	Path	Result
3:29:5...	DllHost.exe	12624	ReadFile	C:\Windows\System32\wininet.dll	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Users\jlanca\AppData\Local\Te...	SUCCESS
3:29:5...	DllHost.exe	12624	WriteFile	C:\Users\jlanca\AppData\Local\Mi...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Users\jlanca\AppData\Local\Te...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Program Files\Windows Defender\M...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Users\jlanca\AppData\Local\Te...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Program Files\Windows Defender\M...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Windows\System32\drivers\PROC...	SUCCESS
3:29:5...	Explorer.EXE	4504	ReadFile	C:\Windows\System32\SHCore.dll	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Windows\System32\drivers\PROC...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Windows\System32\drivers\PROC...	SUCCESS
3:29:5...	Explorer.EXE	4504	ReadFile	C:\Windows\System32\shlwapi.dll	SUCCESS
3:29:5...	Explorer.EXE	4504	ReadFile	C:\Windows\System32\shlwapi.dll	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Users\jlanca\AppData\Local\Te...	SUCCESS
3:29:5...	MsMpEng.exe	3632	ReadFile	C:\Windows\System32\drivers\PROC...	SUCCESS
3:29:5...	Explorer.EXE	4504	ReadFile	C:\Windows\System32\windows.storag...	SUCCESS
3:29:5...	Explorer.EXE	4504	ReadFile	C:\Windows\System32\windows.storag...	SUCCESS

Showing 21,984 of 30,581 events (71%) | Backed by virtual memory

# #25 CCLEANER

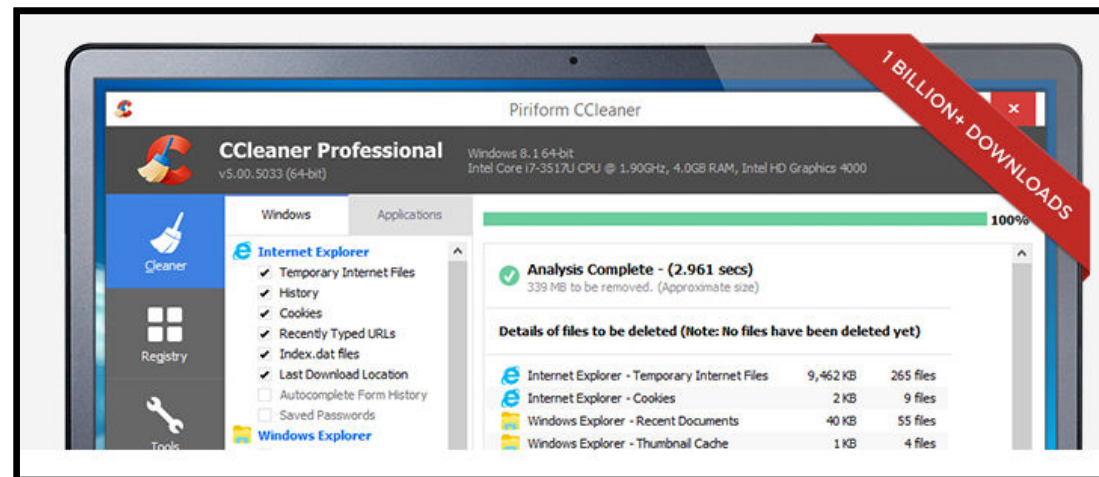


Who: Any Tester who wants to clean up their cache

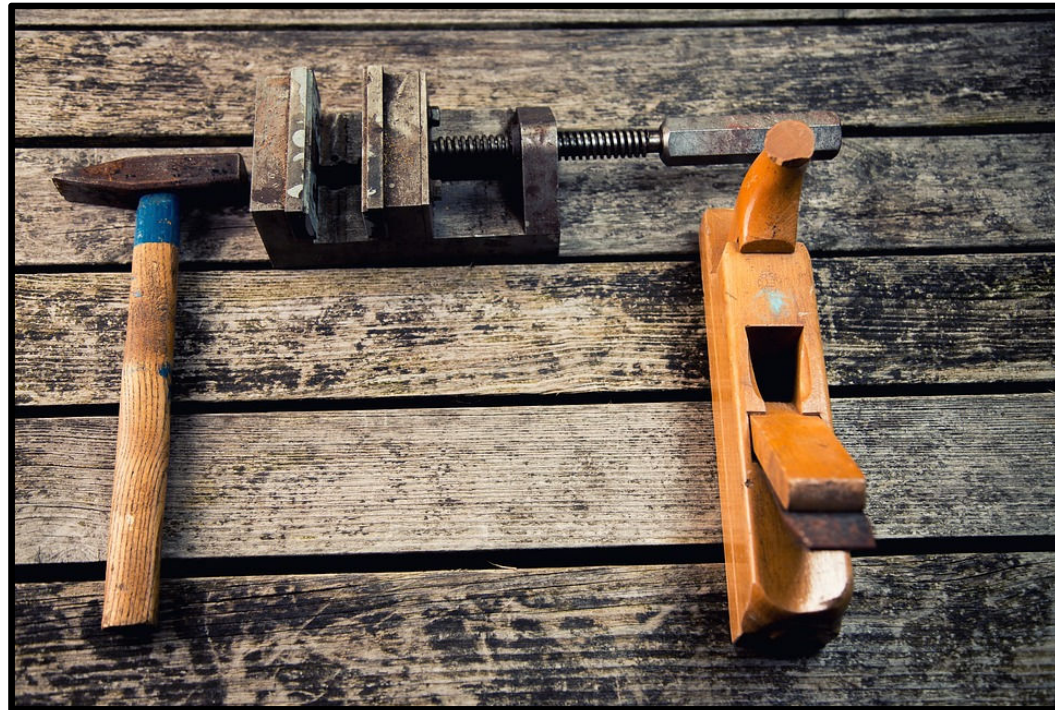
What: Cleans up unused files and settings, browser cache, cleans registry and fixes errors and broken settings, disables background programs

Where:

<https://www.piriform.com/cleaner>



# CATEGORY: TEST MANAGEMENT



# #26 TARANTULA

Who: Testers needing a free test case management tool

What: Tarantula is modern tool for managing software testing in agile software projects. Case, execution, requirements etc. management

Tags and SmartTags for efficient agile testing

Realtime dashboard views and reporting

Traceability from requirements to defects

Jira, Bugzilla and Doors integration

Where: <http://www.testiatarantula.com/>



## #27 TESTLINK

# TestLink Open Source Test Management

Who: Testers needing a free test case management tool

What: Testlink is an open source tool for test management, such as test plans, cases, suites, execution, and reporting. It provides detailed reporting with easy management.

Where: <http://testlink.org/>



# AUDIENCE PARTICIPATION



WE NEED YOUR HELP! SHARE YOUR FREE TOOL  
RECOMMENDATION LIKE THIS IN THE WEBINAR COMMENTS

## Tool Name

**Who:** <What kind of tester need does it fulfill? What purpose does it serve?>

**What:** <What can I do with it?>

**Where:** <address please http://>

# QUESTIONS / THANKS FOR ATTENDING AND PARTICIPATING!

Jess Lancaster

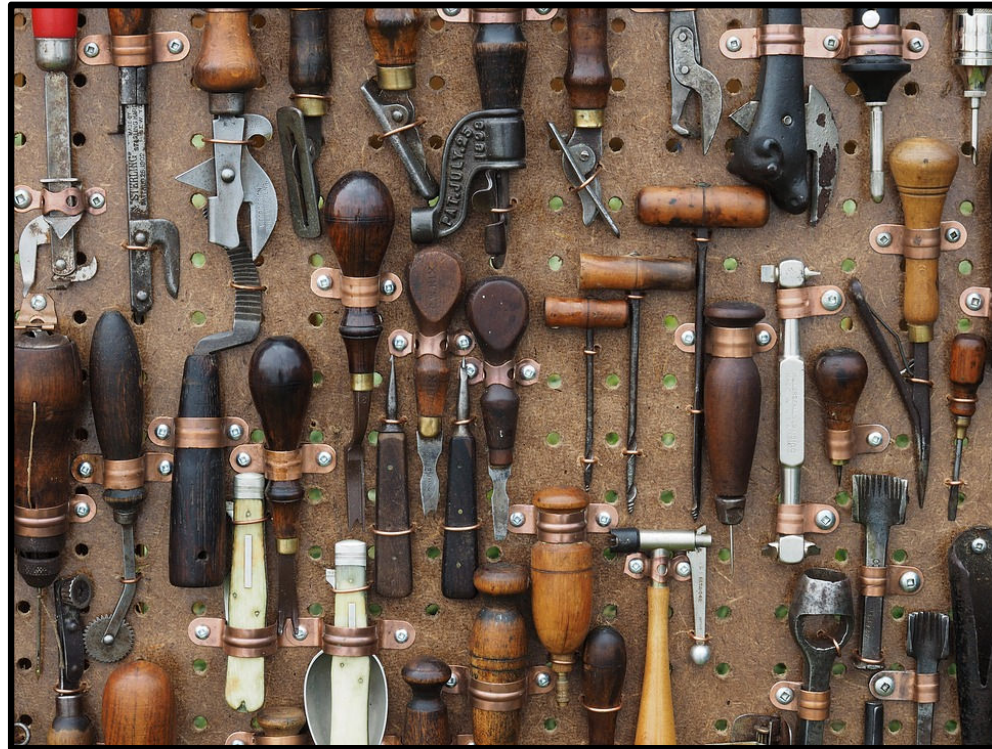
TechSmith Corporation

Twitter @jessclancaster

LinkedIn jesslancaster



# BONUS: THESE TOOLS DIDN'T MAKE MY CUT, BUT TESTERS HAVE MENTIONED THEM TO ME AS FAVORITES

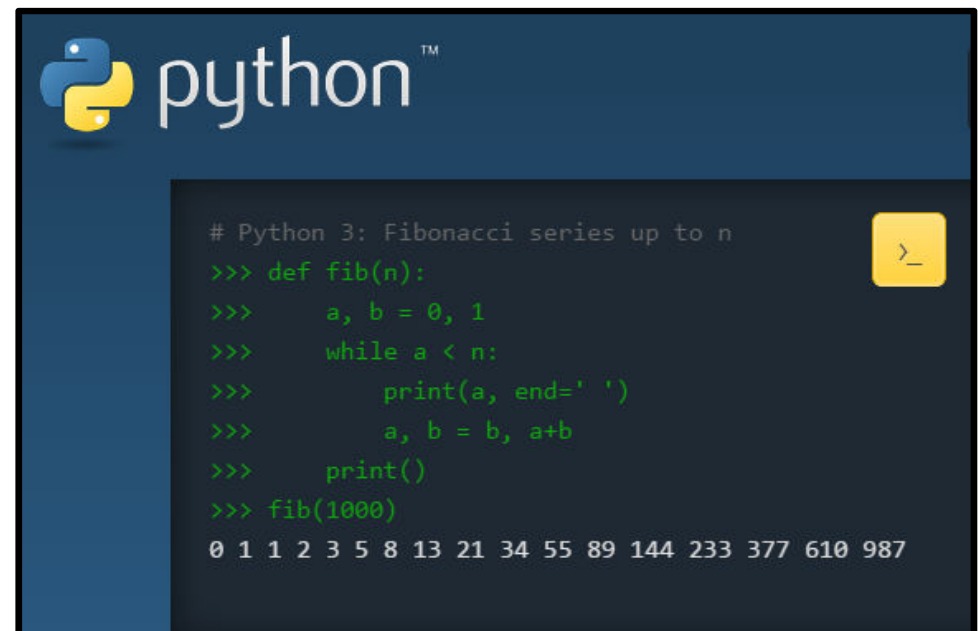


# #28 PYTHON

Who: Any Tester looking to script up some task automation

What: General purpose scripting language

Where: <http://www.python.org/>

A screenshot of a Python terminal window. The top left corner features the Python logo (two interlocking snakes, one blue and one yellow) followed by the word "python" in a white, lowercase, sans-serif font. The main area of the terminal is dark blue with light green text. It shows a Python script for calculating the Fibonacci series up to n. The script defines a function fib(n) and calls it with fib(1000). The output of the script is a single line of numbers: 0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987. A yellow button with a white cursor icon is visible on the right side of the terminal window.

```
# Python 3: Fibonacci series up to n
>>> def fib(n):
>>>     a, b = 0, 1
>>>     while a < n:
>>>         print(a, end=' ')
>>>         a, b = b, a+b
>>>     print()
>>> fib(1000)
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987
```



# #29 ES FILE EXPLORER FILE MANAGER

Who: Any mobile Tester want to check out files

What: File System viewer and modifier. ES File Explorer (File Manager) is a full-featured file (Images, Music, Movies, Documents, app) manager for both local and networked use!

Where:

[https://play.google.com/store/apps/details?id=com.estrongs.android.pop&hl=en /](https://play.google.com/store/apps/details?id=com.estrongs.android.pop&hl=en/)



# #30 WIRESHARK



Who: Any Tester needing to look at all types of network traffic

What: Awesome for looking at network traffic with nice filtering options. Can look at several adaptors because you can have multiple instances open.

Where: <http://www.wireshark.org/>

# STPCON SPRING 2017 ATTENDEE FAVORITE TOOLS

## JSON Formatter

- work with JSON / Doc based data
- Beautify JSON
- Google search

## Foxye

- XML data
- Read XML / Path Generator
- Google search

## Bcompare

- Work with flat files, JSON, XML
- Compare diff docs - structure/values
- Google search

Who: Pixel Ruler

What: For U.I 'perfection' testing.

It is literally a ruler for your screen. Can toggle between vertical & horizontal.

Where: ~~Google it~~  
download.cnet.com

---

Who: Collabedit

What: Great for hosting coding interviews. Supports syntax highlighting

Where: Collabedit.com

# GREENSHOT

## WHO: EVERY TESTER

## IMAGE CAPTURING TOOL

What: 1. ~~SO~~ VERY EASY TO  
CAPTURE images, edit images,  
add comments, color code, share  
image.

www.greenshot.com

WHO: PROGRAMMERS, TESTERS

WHAT: BETTER THAN NOTEPAD++  
NUFF SAID!

WHERE: [www.sublimetext.com](http://www.sublimetext.com)

SUBLIME TEXT

WHO: ALL

WHAT: TORRENT FOR INTERNAL  
USE

WHERE: [transmissionbt.com](http://transmissionbt.com)

TRANSMISSION BT

WHO: LINUX DEVS, TESTERS

WHAT: MULTI TAB ~~PUTTY~~ TOOL  
(SSH)  
THAT DOES NOT CRASH

WHERE: [ttypplus.com/multi-tabbed-putty](http://ttypplus.com/multi-tabbed-putty)

mPutty

WHO: PYTHON DEVS/TESTERS

WHAT: BEST PYTHON IDE

WHERE: [www.jetbrains.com/pycharm](http://www.jetbrains.com/pycharm)

pyCharm

WHO: ALL

WHAT: SOURCE CODE SEARCH AND  
CRASH REF ENGINE

WHERE: [opengrok.github.io/OpenGrok](http://opengrok.github.io/OpenGrok)

openGROK

WHO: NETWORK BASED DEVS/TESTERS

WHAT: BORKEN/SHITTY NETWORK SIMULATOR

WHERE: [jagt.github.io/clumsy](http://jagt.github.io/clumsy)

CLUMSY

Who; Any one needs to browse  
LDAP

What JXPLORER

where: google it

JXPLORER.ORG



# Appium

Who: Those who need to automate mobile apps

What: A mobile app automation tool that is cross platform <sup>cross language</sup> and uses selenium webdriver behind the scenes

Where: <http://appium.io>

who: anyone | working or struggling with regular expressions

what: Rubular

where: [www.rubular.com](http://www.rubular.com)



1) Who - Any Tester

What - Excel Macros

Where - M.S Office

2) Who - Automation Engineers/  
Testers

What - UFT. (Unified functional Tester)

Where - H.P

Text Wrangler ✓  
~~Sublime text 3~~

Who: <sup>Mac</sup> Testers, Dev, Textpad users

What: Upgraded/extended text Editor  
~~with~~ with plugins; syntax stuff

Where: ~~SublimeText.com~~

[www.barebones.com/products/textwrangler](http://www.barebones.com/products/textwrangler)

MAC APP STORE

# CAPYBARA

WHO: TESTERS

WHAT: WEBDRIVER / ~~JAVA~~ WRAPPER

MAKES WEB TESTING & MASSAGING  
SELENIUM EASIER.

WHERE: GITHUB.COM /  
TEAMCAPYBARA /  
CAPYBARA

---

# DOCKER

# Codecademy

who: those wanting to develop  
skills with various programming  
languages.

what: Develop technical skills with  
multiple languages. Guided tutorials.  
Also tool usage tutorials

where: [www.codecademy.com](http://www.codecademy.com)

---

## SurveyMonkey

who: those seeking feedback

what: receive feedback from a customer

where: [www.surveymonkey.com](http://www.surveymonkey.com)

Eclipse

Who - Selenium / Java Developer.

What - IDE  
Integrate with. TestNG.  
Maven.  
Selenium etc.

Where - Google Eclipse

TestNG

Who - Selenium Developer

What - Test Suite Management

Where - Google TestNG.

- SlickUN Store Shortcuts

- Mouse Without borders (Access multiple C

google search for links