



# What do you need to get done?

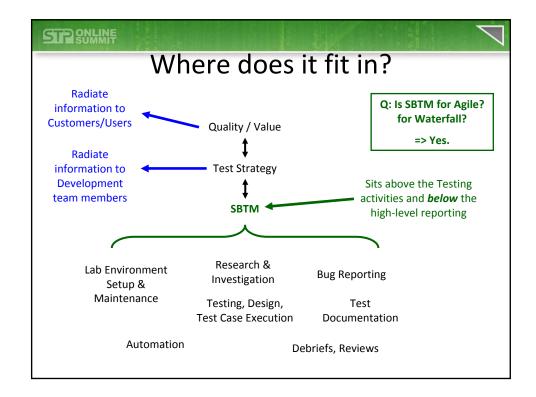
- Make a To Do list and prioritize it:
  - Meetings (project updates, daily stand-ups, ...)
  - Research & investigation
  - Set up a test environment
  - Test something
    - New feature testing
    - Regression testing
    - Smoke/Sanity testing, ...
  - Create/maintain automation scripts
  - Create/maintain test documentation



#### STP SUMMIT

# SBTM in a Nutshell

- SBTM is a container
- It is a wrapper around your daily testing activities that allows you to:
  - Keep track of the who, what, where, when, how and why of the testing performed
  - Generate new insights and patterns into the testing activities
  - Complement Exploratory Testing with a learning and knowledge-sharing framework



#### SUP SULINE

# What SBTM is NOT

- SBTM is not a "type" or "approach" to Testing
- The following does NOT make sense:
  - "We do Functional testing, SBTM, Regression testing and some automation on our team."
- SBTM is not Exploratory Testing
- SBTM is a way of managing \*all\* the daily testing work
  - It's like the Pomodoro Technique Get Things Done
  - If you choose to use SBTM, I recommend you use it to manage all your testing activities

#### STP SUMMIT

# **SBTM Framework**

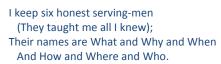
- Four Basic Elements:
  - 1) Charters
    - · Mission or purpose it drives everything
  - 2) Time box
    - No interruptions for a set amount of time stay focussed
    - 30 120 minutes (i.e. 1-4 pomodoros)
  - 3) Reviewable Result
    - Capture your thoughts, record observations, synthesize
  - 4) Debrief
    - Discuss/share your findings

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# **Special Attention**

- Charters are tricky. They take practice.
  - Elisabeth Hendrickson's book "Explore It!" has the best coverage on Chartering I know.
  - EH's book covers Exploratory Testing and not all sessions will necessarily be ET





~ "The Elephant's Child" by Rudyard Kipling



# STP SUMINE

# !\ Extra Special Attention

- Debriefs are the hardest part of this whole framework
  - · Giving and receiving feedback
  - Many ways to do it:
    - One-on-one
    - Team-based
- G. Weinberg on the Satir Interaction Model:
  - Intake
  - Meaning
  - Significance
  - Response

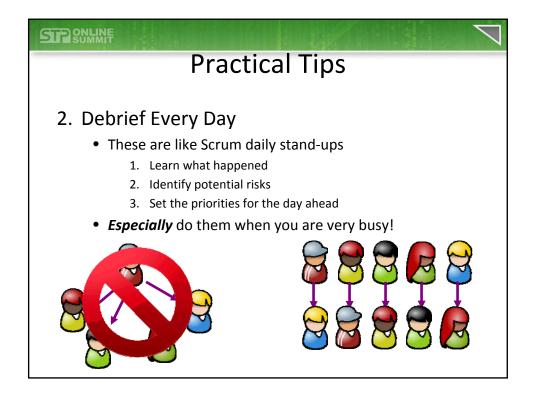


#### CATE ONLINE

# **Practical Tips**

- 1. "Senior" Tester required for Test Lead role
  - Someone who is experienced and knowledgeable in Testing to coach juniors and fill in gaps
  - Someone who is disciplined to maintain the practice
  - Passionate motivate others to learn and grow





# Practical Tips 3. Writing good concise notes takes time, practice, and good feedback. • A Test Session is like an experiment • Think of a Science Report: • Objective/Purpose (the Charter) • Materials & Methods • Data and Observations • Conclusions/Inferences • WARNING: Don't write essays! Focus: Clarity, Coverage, Completeness

#### STP SUMMIT

# **Practical Tips**

- 4. Testing History at your fingertips
  - Question: Can you bring up all the testing notes for a particular feature or component within the last year? (you have 60 seconds)
  - Having searchable notes helps build & share knowledge
  - Strengthens regression testing
  - Provides audit trail for when you need it



#### STEP SUMMIT

# **Practical Tips**

- 5. Mine your Test Notes Create *Test Guides* 
  - Project info: # testers, total time, # bugs found
  - Setup info, environments tested, ...
  - Important risks, unique charters
  - Testing checklists, tables, mind maps, ...
  - Issues, obstacles, roadblocks encountered



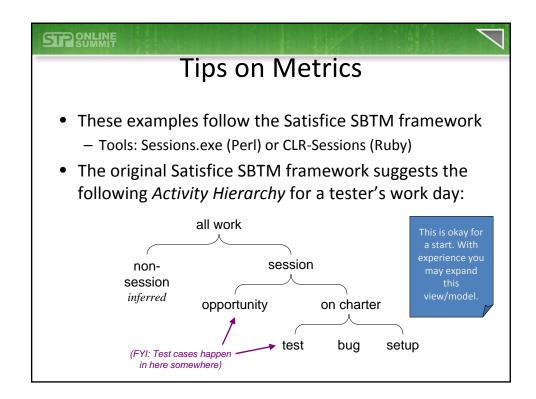


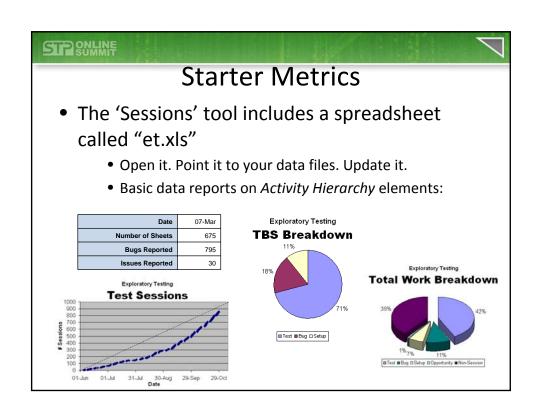
Accelerate Your Testing!
Exploratory Testing -> Automation Guide

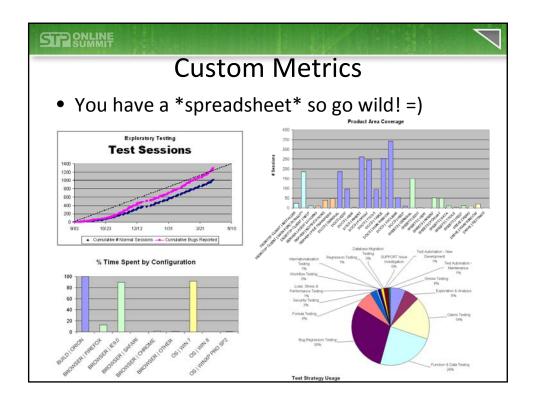




- Metrics help you transition from SBT -> SBT<u>M</u>
- I only use metrics \*within\* the test team
  - I don't share them with anyone outside the team
  - Productivity Metrics are dangerous, especially for individuals -> always aggregate the data
  - Metrics will be gamed when testers are measured to them
- Good metrics provide insights, raise more questions







#### ONLINE

# **More Metrics**

- If you track your Charters, you can generate interesting metrics there too. For example:
  - Charter Burn-down ref: Mike Kelly (T: @michael\_d\_kelly)
  - Rosetta Stone ref: Paul Holland (T: @PaulHolland TWN)
- These are all nice, but DON'T FORGET \*THE\* most important metric:

Are Your Customers Happy?



#### ONLINE

# Summary

- SBTM is about getting things done
- It helps you manage your testing activities
  - There are other ways. Choose responsibly.
  - Value is primarily within the test/development team
  - Doesn't help you manage or communicate your Testing Strategy (that's a level higher)
- Metrics may provide additional insights and patterns into your testing activities
  - Keep these within the team

#### SUP SUMMIT

# **Tool Warning**

- I don't recommend the command-line Sessions tool/framework for extended project work
  - It's okay for short projects (< few weeks) and as a learning/teaching aid for Exploratory Testing
  - It is difficult to try and manage large or multiple (realistic) projects this way. Look to other solutions
- Select the right tool for your project & team needs

#### STEP SUMME

# SBTM Resource Page

- http://www.MinistryofTesting.com/resources/session-based-test-management/
- Resources include:
  - Videos
  - Blog Posts
  - Articles
  - Tools
  - Books
  - Training (YMMV)

