



# ***Adapting Test Plans to Your Environment***

**SQuAD 2007 6th Annual Conference  
March 14th - 15th, 2007  
PPA Center, Denver, Colorado**

Presentation by Cordell Vail, cste csbs



What is a QA plan?



What is a test plan?

A photograph of a man from behind, wearing a black t-shirt with white text. The text reads: "I AM A BOMB TECHNICIAN IF YOU SEE ME RUNNING TRY TO KEEP UP". The man is balding and has a beard. He is standing in a room with other people in the background. The image is set against a yellow background with three vertical yellow bars on the left side.

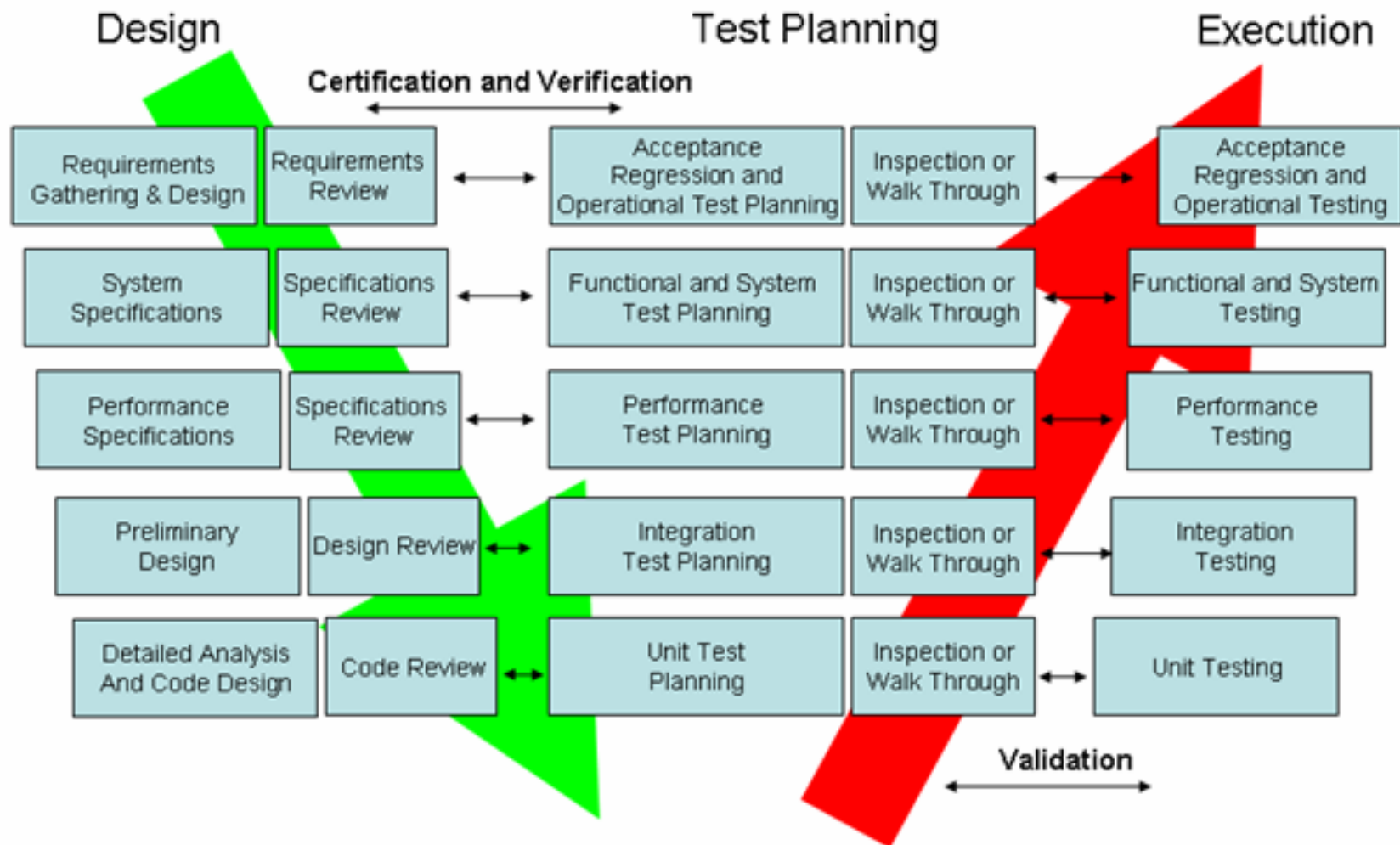
**I AM A  
BOMB  
TECHNICIAN  
IF YOU SEE ME  
RUNNING  
TRY TO  
KEEP UP**




What is a test plan used for?



# V Model - Software Development Lifecycle





How do you use test plans where you work?



# Johnny Appleseed



Johnny Applesauce



Remedy 86612 – DM for QTD/YTD Non-Wage and Excess Life amounts  
System Test Script

<u>DESCRIPTION</u>	<u>TEST OBJECTIVE</u>
<p><b>The data from Legacy field 425 was not converted which caused the Fed taxable gross to be understated by the total amount in the field. A data manipulation is required to correct the QTD/YTD totals for the Fed Taxable gross wage.</b></p>	<ul style="list-style-type: none"> <li>▪ DM will add all the QTD Non-wage to the WesPac QTD Fed Taxable wages</li> <li>▪ DM will add the Excess Life to the YTD Excess Life and YTD Fed Taxable wages</li> <li>▪ The W2 Information statement reflects the correct <u>Box 1</u> dollars, i.e., includes the Non-Wage dollars</li> <li>▪ The Fed Tax Gross on the QTD report shows the correct Federal Taxable Gross, i.e., includes the Non-Wage dollars</li> </ul>

STEP	STEP DESCRIPTION	EXPECTED RESULTS	ISSUES /NOTES/ACTUAL RESULTS	Verified by/date
1.0	<ul style="list-style-type: none"> <li>- Create BEFORE copies of the following:                             <ul style="list-style-type: none"> <li>- HPAHSY-YTD-HIS</li> <li>- HPAHSF-FTD-HIS</li> <li>- HPAHDP-HIST-PAY</li> </ul> </li> <li>- Create the following QTD reports:                             <ul style="list-style-type: none"> <li>- Quarterly Fed Tax Return</li> <li>- Quarter-to-date report</li> </ul> </li> </ul> <p>Create the W2 Workfile Create the W2 Info Statements</p>		Pass Fail pass	
2.0	Have Release Management apply the DM to the dbase above	<ul style="list-style-type: none"> <li>- Data manipulation runs successfully</li> <li>- Log file created</li> </ul>		
3.0	Verify the log information	<ul style="list-style-type: none"> <li>- Totals and log information are accurate</li> </ul>		
3.0	Create AFTER copies of the following: <ul style="list-style-type: none"> <li>- HPAHSY-YTD-HIS</li> <li>- HPAHSF-FTD-HIS</li> </ul>			

# Normally Test Plans in header lack detail:

Remedy 86612 – DM for QTD/YTD Non-Wage and Excess Life amounts  
System Test Script

<u>DESCRIPTION</u>	<u>TEST OBJECTIVE</u>
The data from Legacy field 425 was not converted which caused the Fed taxable gross to be understated by the total amount in the field. A data manipulation is required to correct the QTD/YTD totals for the Fed Taxable gross wage.	<ul style="list-style-type: none"><li>▪ DM will add all the QTD Non-wage to the WesPac QTD Fed Taxable wages</li><li>▪ DM will add the Excess Life to the YTD Excess Life and YTD Fed Taxable wages</li><li>▪ The W2 Information statement reflects the correct <u>Box 1</u> dollars, i.e., includes the Non-Wage dollars</li><li>▪ The Fed Tax Gross on the QTD report shows the correct Federal Taxable Gross, i.e., includes the Non-Wage dollars</li></ul>

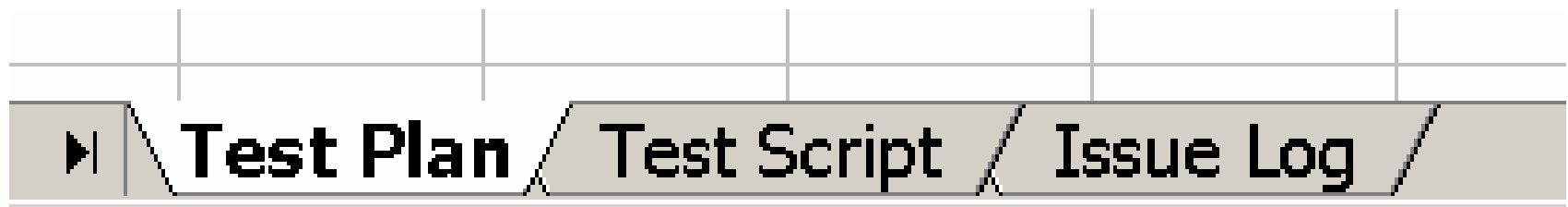
**Who did the testing?**

**What date was it tested?**

**What database or setup was used?**

**What are the resources needed?**

**We normally use Excel  
spreadsheets with a tab that  
has our test plan for short  
projects:**



## Test Plan Name: W2 and 1099 - Elect Transfer

**Author:**

**Cordell Vail**

**Date: 1/17/2004**

### Objective:

This test plan tests the W2 and 1099 to ensure that they will electronically transfer data from the employer to the IRS.

### Requirement:

1. A .DAT file will be created by the district ready to be sent to IRS.

### Assumption:

IRS will allow test data to be transferred

### Dependencies:

The W2 and 1099 Reports will have been created and accessible.

**Last Update By:**

**Cordell Vail**

**Last Update Date:**


**1/17/2004**

**Test Plan**

**Test Script**

**Issues Log**





90% of our testing is less than 4 hours. We therefore use an even shorter test plan that is just a header in the test script:

## Start with a clear Test Plan as a header:

SYSTEM TESTING **FAIL**

REMEDY TICKET #: 59224

PCS #: 124

DESCRIPTION: Insurance Tracking Benefit Tests only

DATE TESTED: 08/02/06

DATABASE USED: 60203 SYSTEM – Issaquah Data from Feb 2006

TESTED BY: Cordell Vail


~~~~~

TEST SCRIPT:

~~~~~

**Each test project may  
require different information**





The summary test  
plan information  
can be placed on  
**VERSIONING** test  
scripts.

A B C D E F G H I J K L M N O P Q R S T

## DF92-201 HR PROFILE - Test Scripts by Cordell Vail

Df92-201 Testing started: 12/01/06 Testing Finished:

System: HR Donna - issaquus 11.18.2006	dev-aix-02	10.1.254.172	62403	\\dev-prog-01\system
System: HR Cordell - Run # I-104	dev-aix-02	10.1.254.172	60203	\\dev-prog-01\system
System: HR Nadine - riverss 10.16.2006	dev-aix-02	10.1.254.172	60503	\\dev-prog-01\system

**NOTES:**

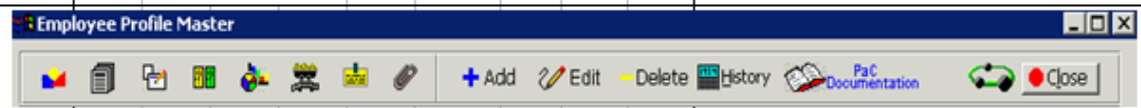
EXPECTED IWindow scr This was high level testing of functionality of screens, reports menus and navigation through the application. There was no validation of data or testing for correctness of data displayed, nor any computation or calculation validation.

DF92-201 - Pass/Fail  
 Pass/Fail  
 Pass/Fail  
 Pass/Fail  
 Pass/Fail  
 Pass/Fail  
 Pass/Fail  
 Pass/Fail

Step	Issue	Comments/Screen Dumps
------	-------	-----------------------

1	Click on SKYWARD PROFILE Icon in HR	
---	-------------------------------------	--

**MENU ICONS**




	CODES icon (only icon tested. Codes were tested in Setup testing)	P
--	---	---

	REPORTS icon (only icon tested. Reports will be tested in reports)	P
--	--	---

	QUICK PRINT REPORTS icon	P
--	--------------------------	---

	OPTIONS Icon	P
--	--------------	---



For enterprise projects or projects that are of several months duration, we use a test plan template.



**WSIPC**

**Test Plan**

Subject:  
Author:

Creation Date:  
Version:

## Document Conventions

*NOTE: The text inside of the square brackets [ ] in blue italics gives general suggestions about what is to be placed in each field. When text is added following the blue help text, the added text will automatically be set to normal (style -Body Text-). When the document is complete all blue text should normally be deleted.*

## Revision History

Date	Version #	Description of the Revision	Revised By

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

**Cordell Vail** CSTE, CSBS  
Quality Assurance Analyst



**Speed  
Learning**

**Weekly  
Testing Tips**

**Software  
Testing Links**

**Software  
Testing Tools**

**Goal Setting  
Seminars**

**Research  
Library**

**Testing  
Seminar Notes**

The image features a yellow background with a grid of orange lines. On the left, there are three vertical yellow bars of varying widths. A central grey square contains the text 'Q&A' in a bold, sans-serif font. The 'Q' and 'A' are black, while the ampersand is white. The text is positioned at the intersection of a vertical and a horizontal orange line.

# Q&A

**Cordell Vail, cste**

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## **Cordell Vail, cste, csbs – Quality Assurance Analyst -**

Cordell grew up in Utah. He graduated from the Brigham Young University and has completed two years of graduate school work at the University of Utah in Interpersonal Communications. He served as an Infantry Platoon Leader in Vietnam. He was an instructor at Ft. Benning, GA Infantry School for 2 years and achieved the rank of Captain before his discharge from the Army. His work experience includes being a Controller for International Exchange Students Inc, and Laser Image Systems Inc, Assistant Plant Manager at Designer Line Manufacturing Inc, Software Developer and Senior Systems Analyst at Nixdorf Computer Inc and Software Developer at Software Systems Solutions Inc. With this wide range of business experience, Cordell also brings to the presentation a test engineer's perspective. He is a Certified Software Test Engineer and Certified School Business Specialist with ten years experience in manual and automated testing. He now lives in the Seattle Washington area, where he was a Software Test Engineer at Weyerhaeuser for 8 years, and for the past 4 ½ years has been a Quality Assurance Analyst with the Washington School Information Processing Cooperative. WSIPC is a cooperative of 290 Washington State school districts. Cordell has helped several Test Engineers pass their CSTE certification test. He has published 5 books and is currently writing a book on the Social Psychology of Software Testing. His humorous and memorable presentations have entertained and educated audiences across the continent from Vancouver, British Columbia to Orlando, Florida - from Toronto, Ontario to Los Angeles, California.





# For Additional Information

**Web Page:** <http://www.vcaa.com>

**Email:** [MakingSuccessWork@yahoo.com](mailto:MakingSuccessWork@yahoo.com)

***More Accurate Test Scripts  
In Less Time***

**SQuAD 2007 6th Annual Conference**

**Dates: March 14th - 15th, 2007**

**Location: PPA Center, Denver, Colorado**

Presented by Cordell Vail, cste csbs

**Test scripts are normally  
created as an Excel spread sheet  
or as a MS Word Table**

Remedy 86612 – DM for QTD/YTD Non-Wage and Excess Life amounts  
System Test Script

<u>DESCRIPTION</u>	<u>TEST OBJECTIVE</u>
<p><b>The data from Legacy field 425 was not converted which caused the Fed taxable gross to be understated by the total amount in the field. A data manipulation is required to correct the QTD/YTD totals for the Fed Taxable gross wage.</b></p>	<ul style="list-style-type: none"> <li>▪ DM will add all the QTD Non-wage to the WesPac QTD Fed Taxable wages</li> <li>▪ DM will add the Excess Life to the YTD Excess Life and YTD Fed Taxable wages</li> <li>▪ The W2 Information statement reflects the correct <u>Box 1</u> dollars, i.e., includes the Non-Wage dollars</li> <li>▪ The Fed Tax Gross on the QTD report shows the correct Federal Taxable Gross, i.e., includes the Non-Wage dollars</li> </ul>

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2.0	Have Release Management apply the DM to the dbase above	<ul style="list-style-type: none"> <li>- Data manipulation runs successfully</li> <li>- Log file created</li> </ul>		
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**What are some of the problems  
with typical test scripts?**

# Test Plan in header lacks detail

Remedy 86612 – DM for QTD/YTD Non-Wage and Excess Life amounts  
System Test Script

## DESCRIPTION

The data from Legacy field 425 was not converted which caused the Fed taxable gross to be understated by the total amount in the field. A data manipulation is required to correct the QTD/YTD totals for the Fed Taxable gross wage.

## TEST OBJECTIVE

- DM will add all the QTD Non-wage to the WesPac QTD Fed Taxable wages
- DM will add the Excess Life to the YTD Excess Life and YTD Fed Taxable wages
- The W2 Information statement reflects the correct Box 1 dollars, i.e., includes the Non-Wage dollars
- The Fed Tax Gross on the QTD report shows the correct Federal Taxable Gross, i.e., includes the Non-Wage dollars

**Who did the testing?**

**What date was it tested?**

**What database or setup was used?**

# Steps assume prior technical knowledge

Create BEFORE copies of the following:

- HPAHSY-YTD-HIS
- HPAHSF-FTD-HIS
- HPAHDP-HIST-PAY
- HPACFD-DED-CTRL-FILE
- HPACFF-BEN-CTRL-FILE
- HPADCF-BEN-CODES
- HPADCD-DED-CODES

**So what do I do if I don't know how to create a BEFORE copy?**

## Multiple procedures in same test step

STEP	STEP DESCRIPTION	EXPECTED RESULTS	ISSUES /NOTES/ACTUAL RESULTS
1.0	- Create BEFORE copies of the following: - HPAHSY-YTD-HIS - HPAHSF-FTD-HIS - HPAHDP-HIST-PAY		PASS

**Awkward to indicate which parts passed and which parts failed.**

**How do you show retesting of the part that failed?**



**It is very time consuming to type out in text format all the necessary parts to a step**

The *W2* Information statement reflects the correct Box 1 dollars, i.e., includes the Non-*Wage* dollars

The Fed Tax Gross on the QTD report shows the correct Federal Taxable Gross, i.e., includes the Non-*Wage* dollars

Recreate the W2 Workfile

- The W2 Workfile was created successfully

**If description is vague, you don't know what options were selected so the results will be the same on the next test run?**

HR\PA\YE - 2302 - Report W2 Workfile

W2 Report Seq: 1 - Employee

Report Type: Regular FICA

Report Format: C-Only Employees w/Exceptions

Fatal Exceptions Only

Box 14 Totals: Yes

States: to: ZZ

Include Exceptions When

FICA Wages do not equal Medicare Wages

Medicare Wages do not equal (Grs Pay - FICA Adj)

Here are some testing tips  
for test scripts so they are:

1. Faster to create than old style scripts
2. Easier to create than typing text detail
3. Shows steps so none are missed
4. Give more accurate test results on retest
5. Don't take Technical knowledge to run
6. Show future testers all options selected
7. Allow testers to see other screen changes
8. x

# I started adding a short Test Plan as a header:

SYSTEM TESTING **FAIL**

REMEDY TICKET #: 59224

PCS #: 124

DESCRIPTION: Insurance Tracking Benefit Tests only

DATE TESTED: 08/02/06

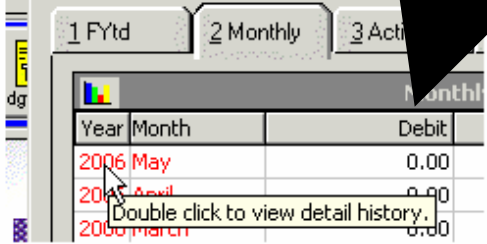
DATABASE USED: 60203 SYSTEM – Issaquah Data from Feb 2006

TESTED BY: Cordell Vail

~~~~~  
TEST SCRIPT:  
~~~~~

# Screen Dumps

# Version Runs

<u>EXPECTED</u>	<u>ACTUAL</u>	<u>Pass/Fail</u>				<u>Requirement #</u>
		<u>UDBII</u>	<u>Citrix</u>	<u>2003</u>	<u>iMac</u>	
<p>1. Will change value for appropriate fiscal year as Invoice Date changes. (i.e.; invoice date between 09/01/04 to 08/31/05 will have a fiscal year of 2004-2005)</p> 	<p>Not quite working the way pcs mentions. It will not update the Fiscal Year field directly, but will have the fiscal year date selected when the Fiscal year selection screen displays, unless you change this field after all other fields have been entered, then it will have</p>		FAIL 28 Jan	FAIL 5 Feb		<a href="#">P:\SKYWARD PROJECT\Fiscal Product Line\Test document</a>

**And hyperlinks to error documentation**

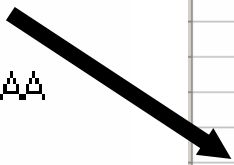
**For Regression Testing  
I use an Excel Spreadsheet  
and just listed every function  
in the application**

# Regression Testing put every Step in EXCEL



- Initial Plan Setup
  - Import Assignments from Emp Mgt Plans - IA
  - Import Assignments from Sal Neg Plans - IP
  - Import Benefits from Pay Records - IB
  - Import Deductions from Pay Records - ID
- Plan Utilities
  - Positions/Assignments Mass Change - PA
  - Step Increase Process - SI
  - Salary/Hourly Amounts Mass Change - SH
  - Benefit Mass Processing - BM
  - Deduction Mass Processing - DM
  - Plan Calendars Cycle - PC
  - Filter Mass Processing - FM
  - Account Mass Processing - AP
  - Mass Change Number of Positions - MC
  - Mass Add of Add Ons to Assignments - AO
  - Placement Tracker Mass Add - MA
- Plan Processing
  - Generate Plan Detail - GP
  - Audit Assignment Salaries - AA


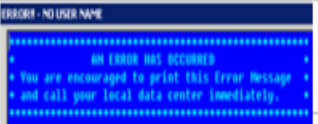
SALARY NEGOTIATION	
<b>SETUP</b>	
	Import Assignments from Emp Mgt Plans
	Improt Assignments from Sal Neg Plans
	Import Benefits from Pay Records
	Import Deductions from Pay Records
<b>UTILITY TESTS</b>	
	Position/ Assignment Mass Change
	Step Increase Process
	Salary Hourly Amounts Mass Change
	Benefit Mass Processing
	Deduction Mass Processing
	Plan Calendars Cycle
	Filter Mass Processing
	Account Mass Processing
	Mass Change Number of Positions
	Mass Add of Add Ons to Assignments
	Placement Tracker Mass Add
<b>CALCULATE</b>	
	Generate Plan Detail
	Audit Assigment Salaries



				Compare DF91	Sys DF92	Accept DF92	Beta 92-1	Acpt DF92-1	Pass/Fail	Method	Comments / Notes
<b>SALARY NEGOTIATION</b>											
<b>SETUP</b>											
	Import Assignments from Emp Mgt Plans	11-Jul	x						Pass		
	Improt Assignments from Sal Neg Plans	11-Jul	x						Pass		
	Import Benefits from Pay Records	12-Jul	26-Jul						Pass		
	Import Deductions from Pay Records	12-Jul	26-Jul						Pass		
<b>UTILITY TESTS</b>											
	Position/ Assignment Mass Change			28-Jul					Pass	Only checked functionality	
	Step Increase Process			28-Jul					Pass	Only checked functionality	
	Salary Hourly Amounts Mass Change					13-Oct			FAIL	Only checked functionality	
	Retest-Salary Hourly Amounts Mass Change							9-Nov	Pass	Retested in DF92-1 after fix	John S. fix it
	Benefit Mass Processing	12-Jul	27-Jul						Pass	totals	
	Deduction Mass Processing							9-Nov	?	No deductions displayed for change ??? Must need setup	
	Plan Calendars Cycle			28-Jul					Pass	Only checked functionality	
	Filter Mass Processing			28-Jul					Pass	Only checked functionality	
	Account Mass Processing							9-Nov	?	Could not get run button activateated after selecting accounts??? Must need setup	
	Mass Change Number of Positions			28-Jul					Pass	Only checked functionality	
	Mass Add of Add Ons to Assignments			27-Jul					Pass	Only checked functionality	
	Placement Tracker Mass Add			27-Jul					Pass	Only checked functionality	
				27-Jul					Pass	Only checked functionality	
<b>CALCULATE</b>											
	Generate Plan Detail	13-Jul	27-Jul						Pass	totals	
	Audit Assnemeent Salaries	12-Jul	27-Jul						Pass	totals	



# Adding Screen Dumps

		Compare DF91	Sys DF92	Accept DF92	Beta 92-1	Acpt DF92-1	Pass/Fail	Method	Comments / Notes
<b>SALARY NEGOTIATION</b>									
<b>SETUP</b>									
	Import Assignments from Emp Mgt Plans	x	x				Pass		
	Improt Assignments from Sal Neg Plans	x	x				Pass	Only tested functionality	
	Print Checks with PRINT ENGINE	x	x				FAIL	Ran Report on app server	(App server not started for Print Engine)
	RETEST:Print Checks with PRINT ENGINE		x				Pass	Compared totals to last year	Passes in acceptance testing database
	Deduction/Benefit History				x		Fail		This report says gross total is 43,830.35 not 40,510.15 ????? Goes from 06/30/06 back to 05/31/05 difference is 3,320.20
	100R Personnel Report					x	FAIL	Not sure why I got this error. The report displayed ???	
<b>POOL MAINTENANCE</b>									
	Pool Report for but did not withdraw		x	x			FAIL		<a href="#">Remedy Ticket 59224 Sent back to Skyward with screen dumps</a>

# And Hyperlinks to test error document

SYSTEM TESTING **FAIL**

REMEDY TICKET #: 59224

PCS #: 124

DESCRIPTION: Insurance Tracking Benefit Tests only

DATE TESTED: 08/02/06

TESTED BY: Cordell Vail

TEST SCRIPTS:

Take an employee who is in a pool

Basic Key	Employee Name	Group Code	Start date	End date	Frequency Code	Post Code
ADARS2A3001	Adams, Sarah Kathryn	T			M	T
ADARS2T000	Adams, Seth Ryan	T			M	T
ADCOB2TC000	Adcox, Richard Arnold	C			M	C
ADLEB207001	Adler, Ray S	P			M	P
ADLEB203000	Adler, Susan Jenelle	T	09/01/2005		M	T
ADT2L2FA001	Aguilar, Frank John	C			M	C
AGT2B27A000	Aguirre, Jean Ann	E			M	E

Plan Code	Group Code	Coverage Code	Benefit (jt. Total)	Total Benefit	Total Billed	Total Sub Plan Paid	Sub Plan Start Date	Sub Plan End Date	Plan Flag
B3	C	Family	0.00	4,702.52	0.00	0.00			N
D2	C	Family	0.00	592.00	0.00	0.00			N
L2	C	Employee	0.00	20.40	0.00	0.00			N
V1	C	Family	0.00	120.00	0.00	0.00			N

and shows up on the work sheet

Pool C (Cust-Maint) insurance tracking  
Date : 08/03/2006  
Time : 14:28:20

Process a New Calculation File  
Report Calculated Variances  
Update Calculated Amounts  
Worksheet (Pool Calculations)



Use this button to show how amounts were calculated.

FAIL	<a href="#">Remedy Ticket 59224 Sent back to Skyward with screen dumps</a>
------	--

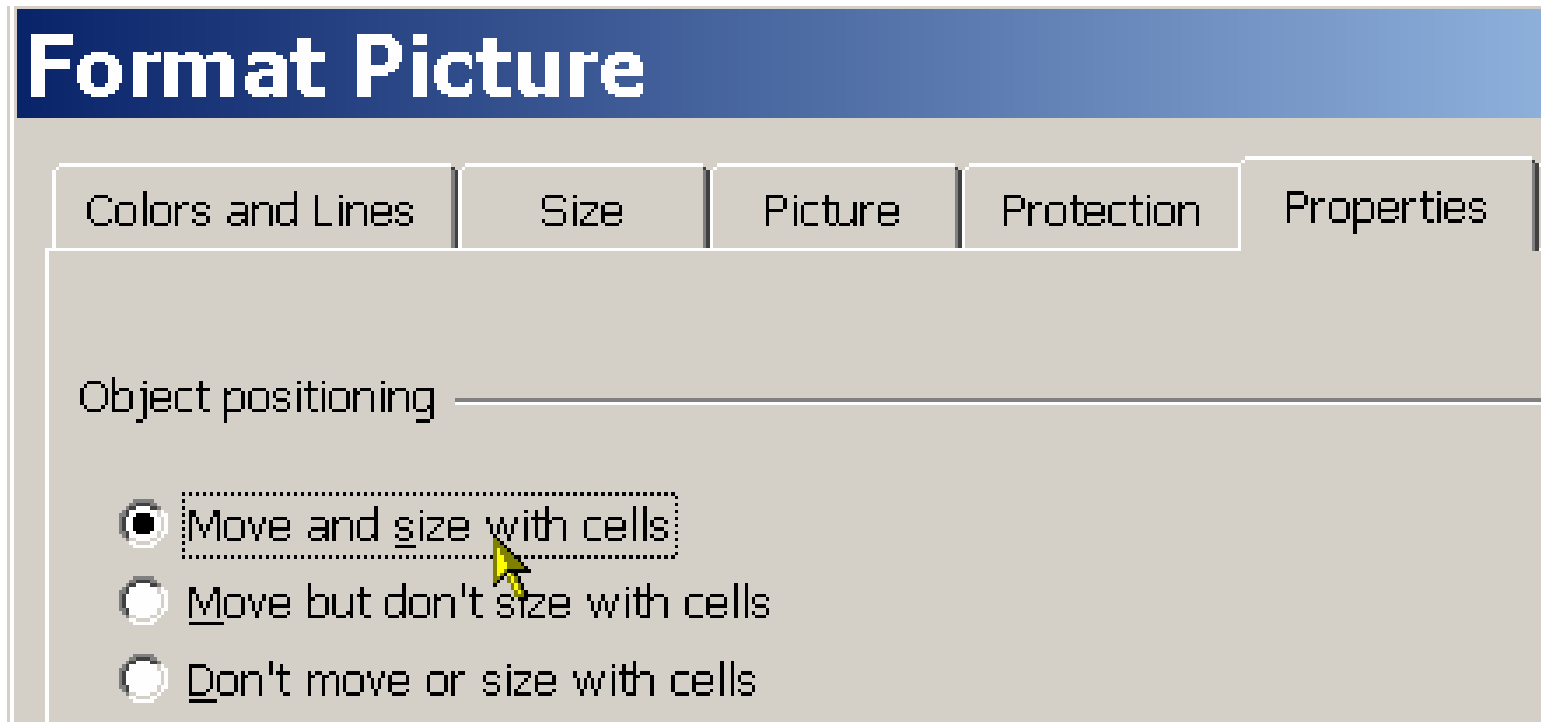
**Those regression test scripts  
can be reused over and over  
with only minor changes to  
accommodate change to the  
application**

**M.S. WORD Tables  
have some advantages  
over Excel spreadsheets**

# Excel Screen dumps often slide out of cell when you save it


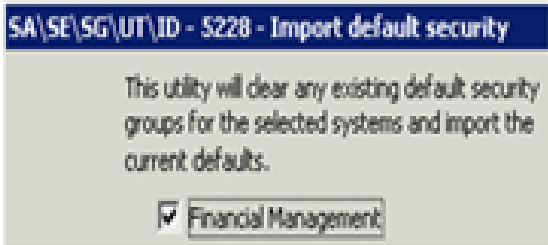
		Engine)
Pass	Compared totals to last year	Passes in acceptance testing database
Fail		This report says gross total is 43,830.35 not 40,510.15 ????? Goes from 06/30/06 back to 05/31/05 difference is 3,320.20
FAIL		
FAIL		<a href="#">Remedy Ticket 59224 Sent back to Skyward with screen dumps</a>
Pass	Only tested basic functionality	
Pass	Only tested basic functionality	

**It helps some to right mouse click  
screen dump in the cell, then  
set this option**



# IN WORD, step by step screen dumps are easy to insert

Action Steps:

Step	Action	Expected Result	Actual Result	Pass/ Fail	Remarks
	<b>EXAMPLE</b>				
1.1.3	Click on the Run Button 	The Import Default Security screen is displayed 			

## And they don't change size or move

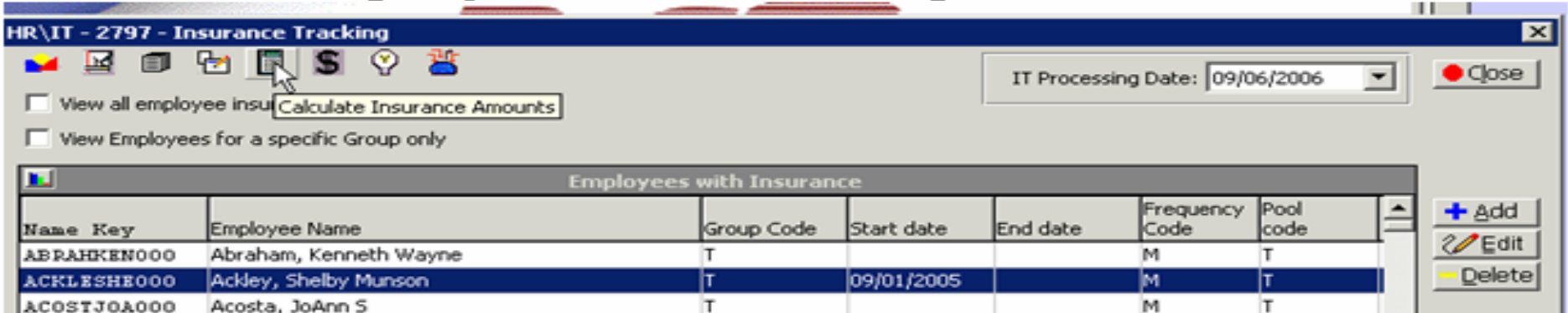
**My preference is to  
use a MS Word  
document with no  
table at all**



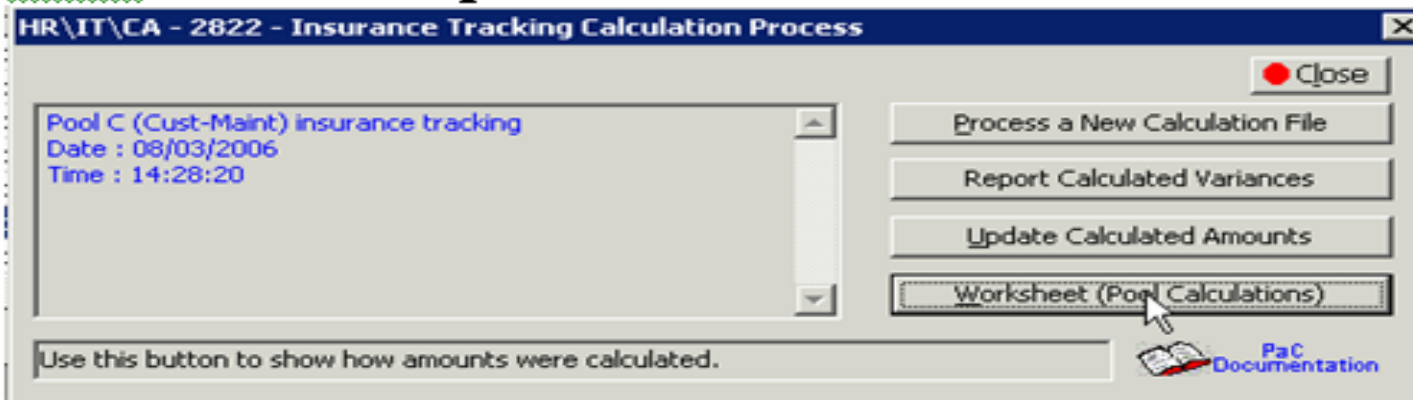
# Go to Insurance Tracking



# Take an employee who is in a pool



# and shows up on the work sheet



# Employee is not found in work file **FAIL**

Name Key	Employee Name	Group Code	Start date	End date	Code	code
ABRAHKEN000	Abraham, Kenneth Wayne	T			M	T
ACKLESHE000	Ackley, Shelby Munson	T	09/01/2005		M	T

**The test script  
becomes a testers  
user manual**

# Easy to cut and paste notes into the MS WORD document test script

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## REMEDY TICKET NOTES:

ETPP) W-2 Box 13 Retirement Plan box has been checked for employees who were on Plan 0. Many of these employee contributed nothing to a retirement plan this year and the box should not be checked for those employees. Can we correct the programming to test for retirement deductions before checking Box.13 on the W2?

Client is currently having to reissue W2's for affected employees. Other sites may not be aware of this issue yet, so an alert message should be released to notify them.

See notes for specific names of employees that were affected.

Tier III Analysis:

In order to correctly check box 13 on the W-2 for plan 0 employees, and to also allow ded/ben default functionality to work the following must occur:

1. Set all employees that have current **Retirement Member profile records** to have HAAPRO-PROFILE.HAAPRO-RET-YN values of YES. Employees that would be in this situation are ones that have been added since conversion. This would require a WSIPC data manip.
2. Upon adding a Ret Member profile record, set the HAAPRO-PROFILE.HAAPRO-RET-YN value to YES. This is a change to WA feature set. The issue of what to do about removing or modify Ret Member profile records would need to be analyzed and addressed also.
3. Conversion needs to be changed back to setting the HAAPRO-PROFILE.HAAPRO-RET-YN values to YES as it was before.

# The new test run is just added at end

## TEST RUN #3

ORIGINAL ERROR THAT BROUGHT ABOUT THIS REMEDY TICKET:  
Default deduction and benefit codes are set by Employee Type

Employee Type	Short Description	Description	Count
1COB	COBRA	COBRA	20
1DD	DON'T DELETE	DON'T DELETE	5
1FIX	NEW EMPLOYEE-CT	NEW EMPLOYEE - CT	7
1L	LEAVE	LEAVE	47
1LF	LEAVE - FAMILY	LEAVE - FAMILY	2
1LFUF	FAMILY UNFILLED	FAMILY UNFILLED	0

If the HAAPRO-RET-YN flag is set to NO for that person,

LAST-NAME	FIRST-NAME	MIDDLE-NAME	HAAPRO-RET-YN
Hoffman	Vicki		no

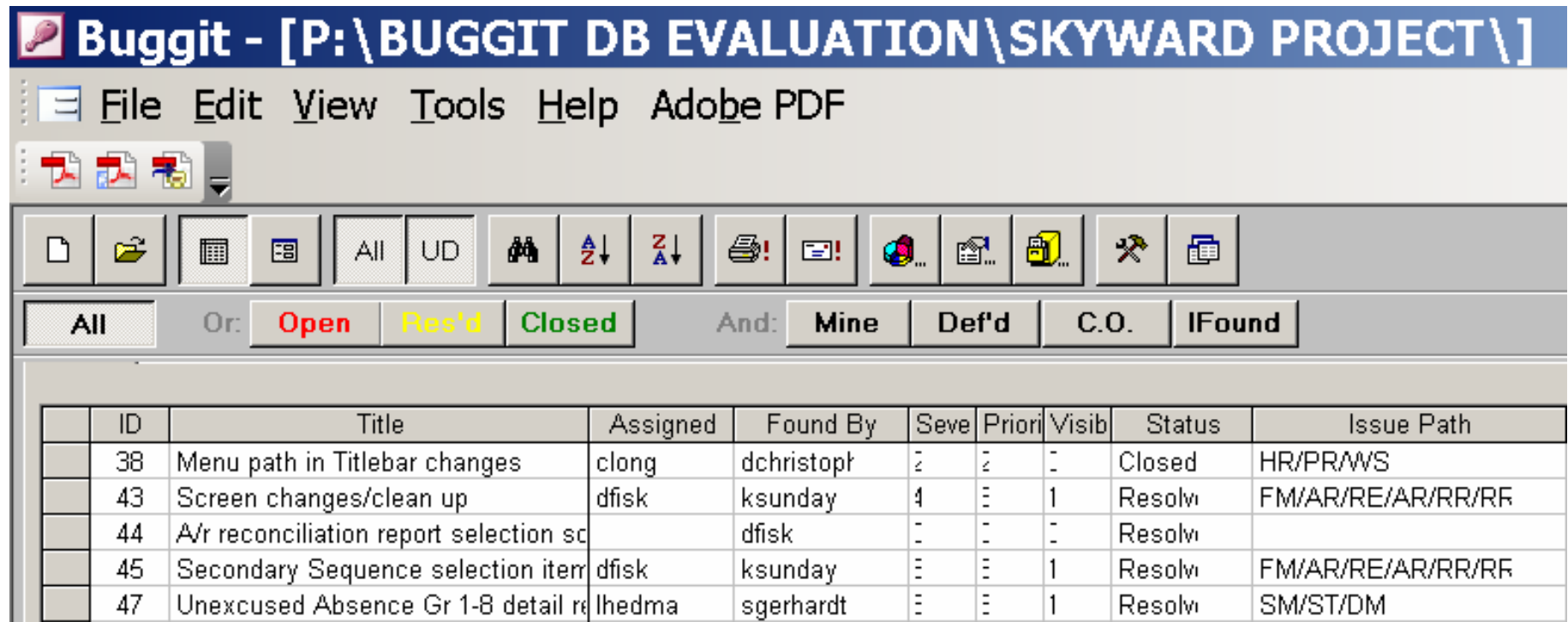
then when you do the loading of default deductions and benefits, if one of those benefits is a retirement benefit it will not add it

Code	Description	Amt/Pct	Typ	Start	Stop	Max
1FIC	FICA	6.2000	Clc			5,840.40

**All Test Scripts need to be tied to some type of bug tracking tool.**

# You can track bugs with open source software

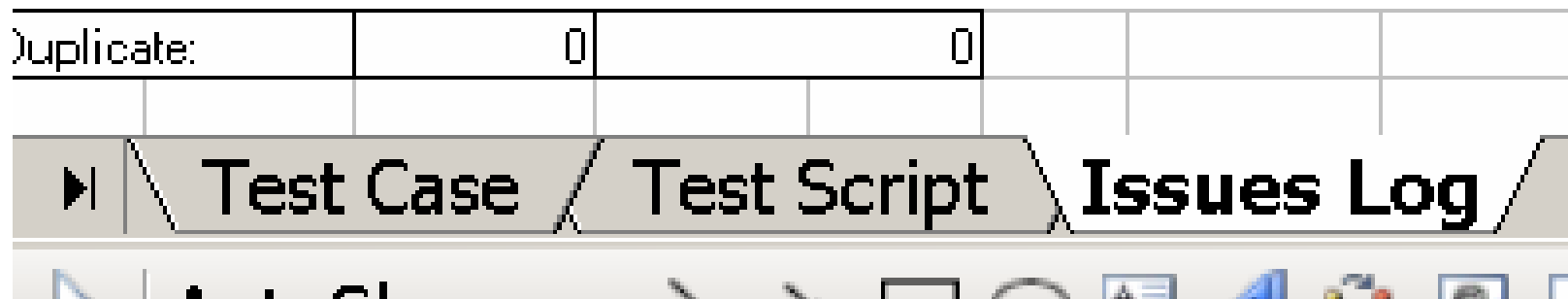
[www.bugit.com](http://www.bugit.com)



The screenshot displays the Buggit web application interface. The title bar reads "Buggit - [P:\BUGGIT DB EVALUATION\SKYWARD PROJECT\]". The menu bar includes "File", "Edit", "View", "Tools", "Help", and "Adobe PDF". Below the menu bar is a toolbar with various icons for file operations and navigation. The main content area shows a list of bugs with the following columns: ID, Title, Assigned, Found By, Seve, Priori, Visib, Status, and Issue Path. The bugs listed are:

ID	Title	Assigned	Found By	Seve	Priori	Visib	Status	Issue Path
38	Menu path in Titlebar changes	clong	dchristopt	2	2	1	Closed	HR/PR/WS
43	Screen changes/clean up	dfisk	ksunday	4	3	1	Resolv	FM/AR/RE/AR/RR/RF
44	A/r reconciliation report selection sc		dfisk	3	3	1	Resolv	
45	Secondary Sequence selection item	dfisk	ksunday	3	3	1	Resolv	FM/AR/RE/AR/RR/RF
47	Unexcused Absence Gr 1-8 detail re	lhedma	sgerhardt	3	3	1	Resolv	SM/ST/DM

## Excel spreadsheets can have a tab with a built in bug tracking tool



# Excel Spread Sheet Issue Log

7-1-1 - Payroll - Parallel Test - First Payroll After Conversion												
Is:	St:	Seve:	Date Report:	Repor d B:	Da Fix:	Fit E:	Issur Type:	Affect are:	Description of Issue	Resolution of Issue and Note	Verif Date:	Criti YIN:
i2-31	Closed	Major	21-Feb	Mark			Conversion	AP	WESPAC MS frequency AP check for Key Bank (auto deposit) is different from WISE by -1.99	Diffence remaining is due to way WESPAC processes WC compared to WISE. WESPAC is correct. Close issue.		
i2-32	Closed	Major	22-Feb	Mark			Conversion	AP	WESPAC MS frequency AP check for Total is different from WISE by -\$973.17. In i-5 the difference is -\$6.24. In i10 the difference was 14.18	Diffence remaining is due to way WESPAC processes WC compared to WISE. WESPAC is correct. Close issue.		
i12-38	Closed	Minor	6-Apr	Debbie			Format	ACH Extract	Format differences are the same as identified and determined to be ok by Doug as documented in ESD169.			
i15-39	Open	Minor	6-Apr	Mark			Skyward	Ach Report	Ach direct deposit report count for employees is 1 higher than WISE and the number on the extract. Believe it is a skyward counting bug.			

**Severity explanation:**

**Fatal** - Program crashes, or unable to perform task and no work around or major feature not in product.

**Major** - Unable to perform task as documented but there is a difficult work around, or minor feature not in product, or data corrupted.

**Minor** - Cosmetic, or unable to perform task as documented but there is an easy work around to perform task.

**Issue Summary:**

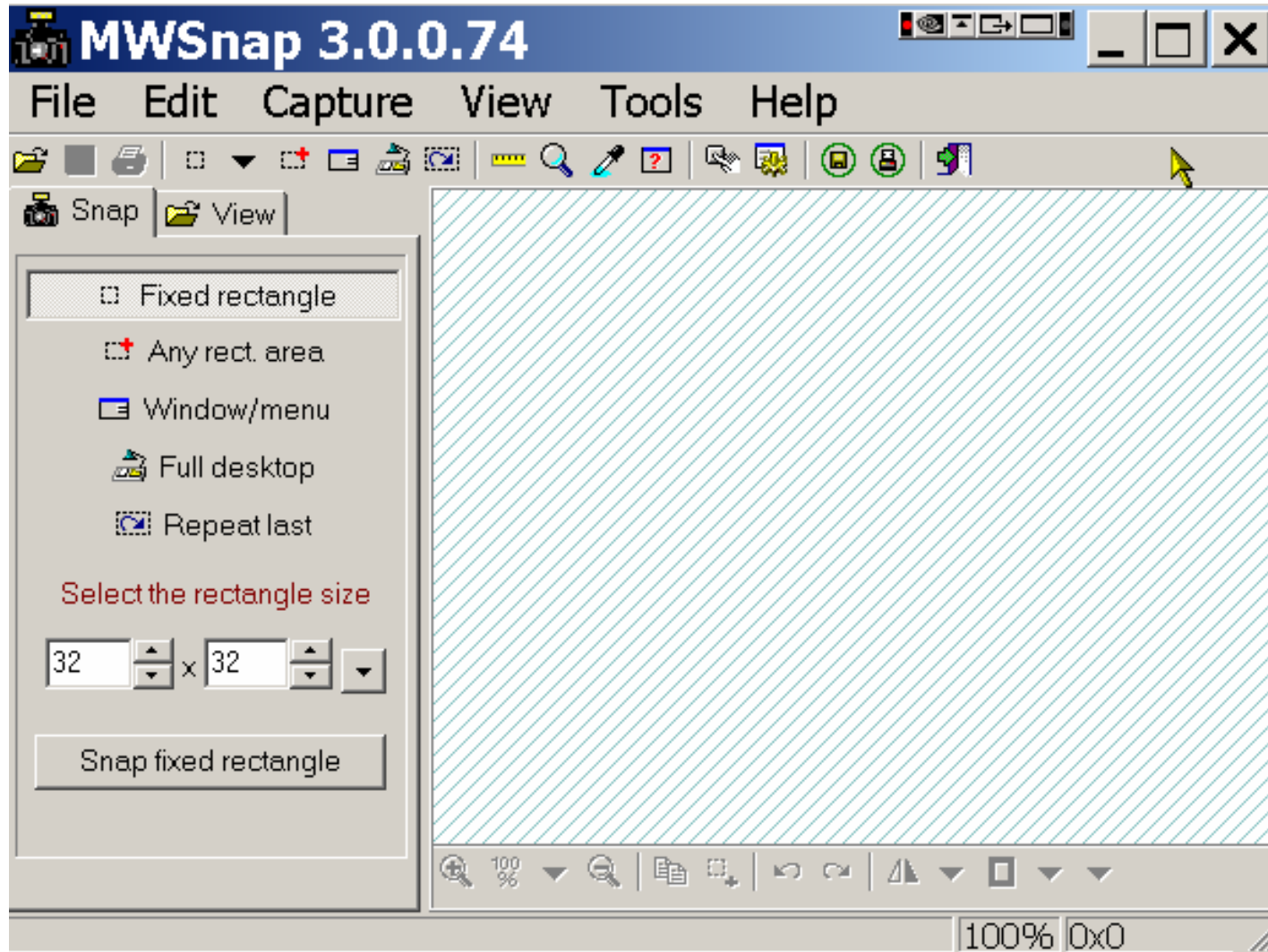
Total #:	34		
Open:	1		
Training:	0		
Closed:	33		
	Total	Open Items:	
CONV	31	0	
Critical	0	0	
Fatal:	0	0	
Major:	32	0	
Minor:	2	1	
Spec:	0	0	
Training:	0	0	
Duplicate:	0	0	



# Screen Capturing

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

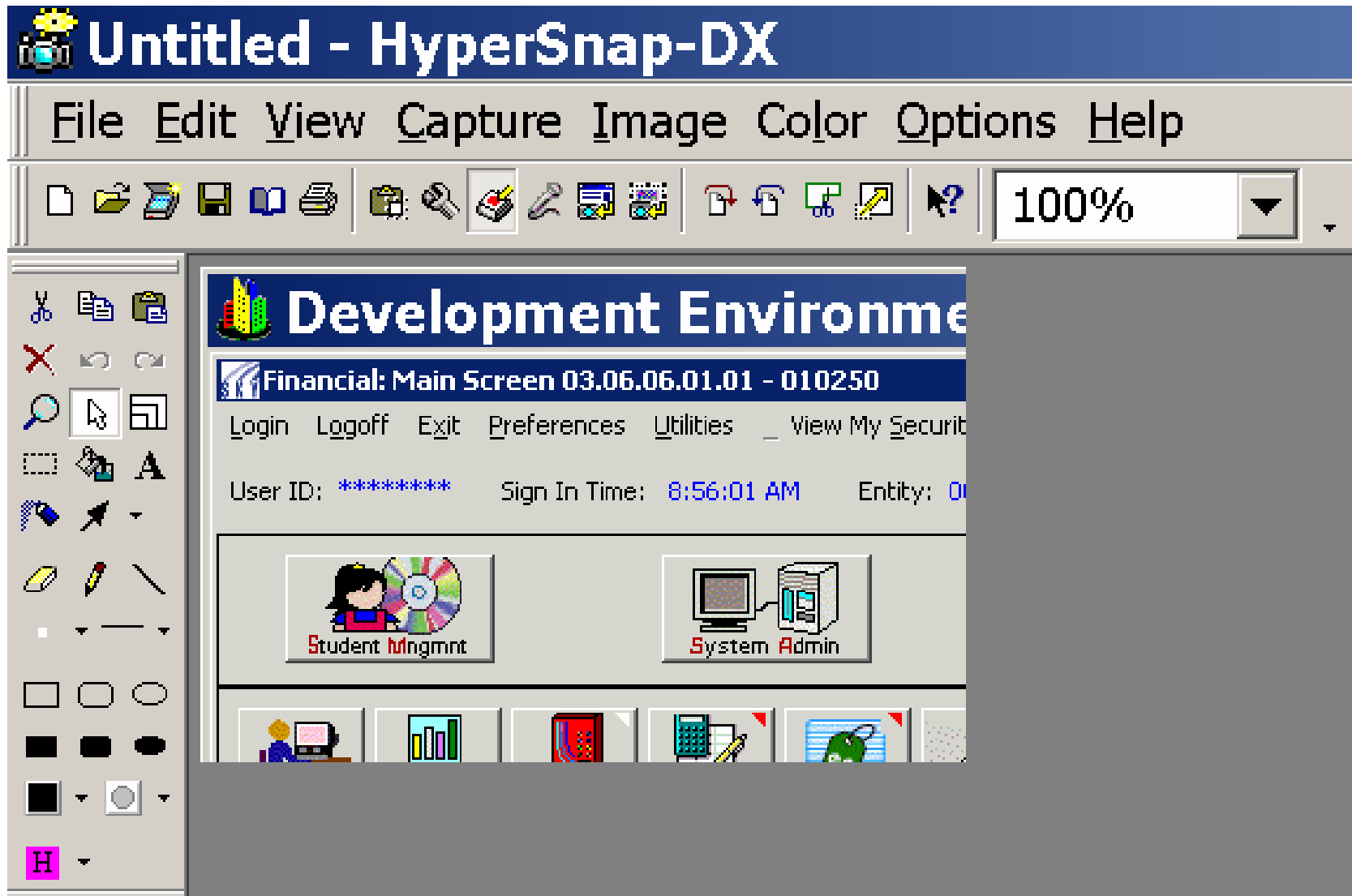
# Shareware



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



# www.hyperionics.com



# Q&A

**Cordell Vail, cste**

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## **Cordell Vail, cste, csbs – Quality Assurance Analyst -**

Cordell grew up in Utah. He graduated from the Brigham Young University and has completed two years of graduate school work at the University of Utah in Interpersonal Communications. He served as an Infantry Platoon Leader in Vietnam. He was an instructor at Ft. Benning, GA Infantry School for 2 years and achieved the rank of Captain before his discharge from the Army. His work experience includes being a Controller for International Exchange Students Inc, and Laser Image Systems Inc, Assistant Plant Manager at Designer Line Manufacturing Inc, Software Developer and Senior Systems Analyst at Nixdorf Computer Inc and Software Developer at Software Systems Solutions Inc. With this wide range of business experience, Cordell also brings to the presentation a test engineer's perspective. He is a Certified Software Test Engineer and Certified School Business Specialist with ten years experience in manual and automated testing. He now lives in the Seattle Washington area, where he was a Software Test Engineer at Weyerhaeuser for 8 years, and for the past 3 ½ years has been a Quality Assurance Analyst with the Washington School Information Processing Cooperative. WSIPC is a cooperative of 290 Washington State school districts. Cordell has helped several Test Engineers pass their CSTE certification test. He has published 5 books and is currently writing a book on the Social Psychology of Software Testing. His humorous and memorable presentations have entertained and educated audiences across the continent from Vancouver, British Columbia to Orlando, Florida - from Toronto, Ontario to Los Angeles, California.

# For Additional Information

Web Page: <http://www.wsipc.org/qa>

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