



TTRs describing AWIPS II black-box variances from AWIPS

Number: 63		Date Entered: 03/14/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: WarnGen menu item selection			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 03/14/08	
Software Version: TO8			
Description:		When selecting items from the WarnGen menus "basis for warning", "threat", "call to action", the Windows method of selecting items must be used. To select more than one menu item, the <SHIFT> or <CTRL> key must be used with mouse button #1. This is a variance from AWIPS I where any number of items can be selected just by clicking on mouse button #1.	
Capture File:		None available	
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:		nhda	
Created By: Rega, Mike			
Date Created: 03/14/08 01:49 PM			
Creation Method: Add TTR window			
Modified By: Rega, Mike			
Date Modified: 03/14/08 01:49 PM			



TTRs describing AWIPS II black-box variances from AWIPS

Number: 81		Date Entered: 03/17/08	Operation Mode: Non-Operational
		Entered by: Cheatwood, Leigh	Frequency:
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary:		Text Workstation and WarnGen	
Workaround:			
Subsystem:		System	
Subsys		CAVE	
Components:			
Estimate:			
Target Release			
Build:			
Target Release			
Date:			
Source Files:			
Found by: Cheatwood, Leigh		Date Found: 03/17/08	
Software Version: TO8			
Description:		In order for WarnGen to work properly, one must start the Text Workstation from the CAVE menu on the CAVE toolbar first before starting WarnGen. Otherwise when one hits the "Create Text" button on WarnGen, nothing happens. Unlike in AWIPS D2D, the Text Workstation does not come up automatically when the "Create Text" button is selected in WarnGen.	
		An additional issue is the following:	
		When the Text Workstation is open and one selects the "Create Text" button on WarnGen, an additional Text Workstation window opens.	
Capture File:		None available	
Capture			
Filename and			
Date Sent:			
Computer			
Config:			
Location / Test		GSD	
Environment:			
Created By:		Cheatwood, Leigh	
Date Created:		03/17/08 08:06 PM	
Creation Method:		Add TTR window	
Modified By:		Cheatwood, Leigh	
Date Modified:		04/17/08 04:02 PM	



TTRs describing AWIPS II black-box variances from AWIPS

Number: 99	Date Entered: 04/07/08	Operation Mode: WFO CONUS
	Entered by: Williams, James	Frequency:

Status: Init, not assigned	Priority:	Impact:
Type of Usage: Validation and Verification (V&V)		Type of Issue: Not applicable
Reference:		

Summary:	Enterprise installation of CAVE: Xserver configuration on LX workstations
Workaround:	

Subsystem:	System
Subsys	CAVE
Components:	
Estimate:	
Target Release Build:	
Target Release Date:	

Source Files:

Found by: Williams, James	Date Found: 04/07/08
Software Version: TO8	

Description: This TTR is related to TTR #96 (which calls for "ability to launch multiple CAVE instances per LX workstation").

At present, in AWIPS I, each of the three monitors on an LX workstation acts independently of the others. That is, the Xserver operates in non-Xinerama mode in which GUI applications launched in one screen cannot be moved to either of the other two screens.

CAVE contains menu items that permit new CAVE windows to be launched from a running CAVE instance (via CAVE -> New -> Window). (However, note that using two or more CAVE windows simultaneously on a single workstation in TO8 is not supported and that is the subject of TTR #96.) Given this capability in CAVE and the fact that Raytheon Omaha is running multi-head workstations using Xinerama (which creates one large contiguous screen spanning multiple heads, thereby permitting one to pull windows from one monitor to any other on the workstation), we need architecture information regarding the configuration of the screens on LX workstations for AWIPS II. There are pros and cons to running Xinerama. Will AWIPS II implement Xinerama on the LX workstations?

Capture File: None available

Capture Filename and Date Sent:

Computer Config:

Location / Test Environment:

Created By:	Williams, James
Date Created:	04/07/08 01:10 PM
Creation Method:	Add TTR window
Modified By:	Williams, James
Date Modified:	04/07/08 01:10 PM



TTRs describing AWIPS II black-box variances from AWIPS

Number: 115	Date Entered: 04/25/08 Entered by: Rega, Mike	Operation Mode: Non-Operational Frequency: Always
Status: Init, not assigned Type of Usage: Validation and Verification (V&V) Reference:	Priority:	Impact: Type of Issue: Defect
Summary: TO8 WarnGen button location and color		
Workaround:		
Subsystem: Operations		
Subsys: CAVE		
Components:		
Estimate:		
Target Release Build:		
Target Release Date:		
Source Files:		
Found by: Rega, Mike Software Version: TO8		
Date Found: 04/25/08		
Description:	<p>On some workstations, the CAVE WarnGen button appears in a different location. The WarnGen button should always be anchored at the far upper right edge of the CAVE window (as in AWIPS I). Also, the entire WarnGen button must be bright yellow (as in AWIPS I).</p> <p>In CAVE, the WarnGen button is at the end of the tools items (the second row of selections). In D2D, the WarnGen button is at the end of the application items (the first row of selections). The WarnGen button should be moved up with the application items.</p> <p>WarnGen is one of the most important AWIPS applications and forecasters should not have to search for the WarnGen button.</p> <p>See attachments showing the D2D and CAVE displays.</p>	
Capture File:	None available	
Capture Filename and Date Sent:		
Computer Config:		
Location / Test Environment:		
Attachments:	0425menuAI.png 0425menuAll.png	
Created By:	Rega, Mike	
Date Created:	04/25/08 01:31 PM	
Creation Method:	Add TTR window	
Modified By:	Rega, Mike	
Date Modified:	04/30/08 08:41 PM	



TTRs describing AWIPS II black-box variances from AWIPS

Number: 129		Date Entered: 05/01/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 Open Perspective Tool in CAVE			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/01/08	
Software Version: TO8			
Description:	CAVE has the same "3 pane" and "5 pane" layout buttons in the tool section as on D2D. These work in the same manner as in D2D. CAVE also contains an extra icon on the tools line labeled "Open Perspective". This seems to function as a pane layout tool with the following options: alerts collaboration D2D 3 pane D2D 5 pane GFE hydro Using each option opens a new icon in the tools area. Using the "3 pane" or "5 pane" options result in duplicate "3 pane" and "5 pane" buttons on CAVE. The "open perspective" looks like a new tool which may be useful. It is a variance from D2D.		
Capture File:	None available		
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By:	Rega, Mike		
Date Created:	05/01/08 08:02 PM		
Creation Method:	Add TTR window		
Modified By:	Rega, Mike		
Date Modified:	05/02/08 01:05 PM		



TTRs describing AWIPS II black-box variances from AWIPS

Number: 130		Date Entered: 05/02/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 CAVE tool menu			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/02/08	
Software Version: TO8			
Description:	The CAVE tool area (second row of buttons with the map scale, clear, move forward or back in time, etc.) has some features different than D2D. Each section of the tools area has a docking feature allowing you to move the icons. The tools area can be re-arranged to consist of more than one row of buttons. The "valid time seq" button can be covered by other buttons. This is a variance.		
Capture File:	None available		
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By: Rega, Mike			
Date Created: 05/02/08 12:55 PM			
Creation Method: Add TTR window			
Modified By: Rega, Mike			
Date Modified: 05/02/08 02:02 PM			



TTRs describing AWIPS II black-box variances from AWIPS

Number: 131		Date Entered: 05/02/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 CAVE Renderable Editor Input			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/02/08	
Software Version: TO8			
Description:	CAVE has a new "Map" button in the tools area titled "Renderable Editor Input." The function of this button is not clear and it needs to be documented. If you use MB#1 to double click, one large pane appears on CAVE and the other panes shrink to icons along the left edge. MB#3 provides a menu with the following items: move size minimize maximize close close others close all new editor - opens a large new empty pane and adds a new "map" button This is a variance.		
Capture File:	None available		
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By:	Rega, Mike		
Date Created:	05/02/08 01:03 PM		
Creation Method:	Add TTR window		
Modified By:	Rega, Mike		
Date Modified:	05/02/08 02:07 PM		



TTRs describing AWIPS II black-box variances from AWIPS

Number: 132		Date Entered: 05/02/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 "CAVE" tools button			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release			
Build:			
Target Release			
Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/02/08	
Software Version: TO8			
Description:	The left most button in the CAVE row of application options (top row of buttons) is a new "CAVE" button with some potentially useful items: New (window, text workstation, etc) Browser Classic Import File Procedures Training Edit Plot Model Preferences (workstation mode, localization, connectivity, etc) Exit It may be logical to move this button to the tools section of the menu. This is a variance.		
Capture File:	None available		
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By: Rega, Mike			
Date Created: 05/02/08 01:11 PM			
Creation Method: Add TTR window			
Modified By: Rega, Mike			
Date Modified: 05/02/08 02:10 PM			



TTRs describing AWIPS II black-box variances from AWIPS

Number: 133		Date Entered: 05/02/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 CAVE new pan and zoom buttons			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/02/08	
Software Version: TO8			
Description:		CAVE contains new pan and zoom buttons that are not on D2D. In CAVE you can use MB1 to pan and use MB2 to zoom in the same manner as in D2D. MB3 provides a menu with a zoom option containing discrete zoom levels as in D2D. The CAVE pan and zoom buttons appear to be redundant. Using them seems to have no impact. This is a variance.	
Capture File:		None available	
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By: Rega, Mike			
Date Created: 05/02/08 02:14 PM			
Creation Method: Add TTR window			
Modified By: Rega, Mike			
Date Modified: 05/02/08 02:17 PM			



TTRs describing AWIPS II black-box variances from AWIPS

Number: 134		Date Entered: 05/02/08	Operation Mode: Non-Operational
		Entered by: Rega, Mike	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: TO8 CAVE loop and image buttons			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release			
Build:			
Target Release			
Date:			
Source Files:			
Found by: Rega, Mike		Date Found: 05/02/08	
Software Version: TO8			
Description:		The order of loop and image buttons is different on CAVE compared to D2D. The titles of the loop buttons are also different. The same icons are used in both CAVE and D2D.	
		The D2D order is (left to right): Toogle Looping Toogle Image Combination Loop Properties Image Properties	
		The CAVE oder is (left to right): Loop Loop Control Toogle Image Combination Image Properties	
		This is a variance.	
Capture File:		None available	
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:			
Created By:		Rega, Mike	
Date Created:		05/02/08 02:23 PM	
Creation Method: Add TTR window			
Modified By:		Rega, Mike	
Date Modified:		05/02/08 02:29 PM	



TTRs describing AWIPS II black-box variances from AWIPS

Number: 153		Date Entered: 05/14/08	Operation Mode: WFO CONUS
		Entered by: Roberts, Woody	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Defect
Reference:			
Summary: 5-Pane and 3-Pane unusable if main pain deleted			
Workaround:			
Subsystem: Operations			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Roberts, Woody		Date Found: 05/14/08	
Software Version: TO8			
Description: (First reported by Susan Williams) If you delete the "Map" part of the main pane in 3-pane mode, it is replaced with unusable gray space. This also affects the main panel in the 5-panel tab making it also gray and unusable. Products can no longer be selected, panes swapped, etc.. You get the same behavior if you delete the main pane from the 5-pane display. The main pain on the 3-pane tab goes gray and is unusable.			
The only way to correct the problem is to exit/restart CAVE.			
Capture File: None available			
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment: GFE/2950's and HP XW workstation			
Created By: Roberts, Woody			
Date Created: 05/14/08 10:05 PM			
Creation Method: Add TTR window			
Modified By: Roberts, Woody			
Date Modified: 05/14/08 10:32 PM			



TTRs describing AWIPS II black-box variances from AWIPS

Number: 162	Date Entered: 05/16/08	Operation Mode: WFO CONUS
	Entered by: Roberts, Woody	Frequency: Always
<hr/>		
Status: Init, not assigned	Priority:	Impact:
Type of Usage: Validation and Verification (V&V)		Type of Issue: Defect
Reference:		
<hr/>		
Summary:	WFO Scale uses incorrect map projection	
Workaround:		
<hr/>		
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Estimate:		
Target Release		
Build:		
Target Release		
Date:		
<hr/>		
Source Files:		
<hr/>		
Found by: Roberts, Woody	Date Found: 05/16/08	
Software Version: TO8		
Description:	<p>WFO scale is using Lambert Conformal map projection - See line 11 in WFO.xml: <crs>PROJCS["Lambert Conformal (SP: 25.0/s5/0, Origin: -95.0)", WFO scale needs to be on Local Stereographic.</p> <p>It is possible to change to the correct map projection using the CAVE > New > Map Projection.... but Local Stereographic needs to be the default so north is up. See http://fxa.noaa.gov/AWIPSII/index.html > 3. How-To Documents > # Site Localization Creation for steps to relocalize.</p> <p>Note: this isn't obvious using the koax localization since it is near the center of the CONUS but is apparent when you relocalize to a different location</p>	
Capture File:	None available	
Capture		
Filename and		
Date Sent:		
Computer		
Config:		
Location / Test	GSD/ 2950's and HP XW workstation	
Environment:		
<hr/>		
Created By:	Roberts, Woody	
Date Created:	05/16/08 01:12 PM	
Creation Method:	Add TTR window	
Modified By:	Roberts, Woody	
Date Modified:	05/16/08 11:29 PM	



TTRs describing AWIPS II black-box variances from AWIPS

Number: 163		Date Entered: 05/16/08	Operation Mode: WFO CONUS
		Entered by: Roberts, Woody	Frequency: Always
Status: Init, not assigned		Impact:	
Type of Usage: Validation and Verification (V&V)		Priority:	Type of Issue: Modification
Reference:			
Summary: Space for main pane reduced 12% from D2D to CAVE			
Workaround:			
Subsystem: System			
Subsys CAVE			
Components:			
Estimate:			
Target Release Build:			
Target Release Date:			
Source Files:			
Found by: Roberts, Woody		Date Found: 05/16/08	
Software Version: TO8			
Description:		The area of the main pane has been reduced 12% - the D2D main pane is ~11" by 10.5"; almost square in order to optimize viewing of local 88D data on the WFO scale.	
		CAVE has added additional menu lines (a lot of which is empty space) that has reduced the vertical dimension of the main pane by over an inch.	
Capture File:		None available	
Capture Filename and Date Sent:			
Computer Config:			
Location / Test Environment:		GSD/2950's and HP XW workstation	
Created By: Roberts, Woody			
Date Created: 05/16/08 01:27 PM			
Creation Method: Add TTR window			
Modified By: Roberts, Woody			
Date Modified: 05/16/08 01:27 PM			