

Test execution document: DaCoPAn

DaCoPAn

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Software Engineering Project
UNIVERSITY OF HELSINKI
Department of Computer Science

UNIVERSITY OF PETROZAVODSK
Department of Computer Science

Course

581260 Software Engineering Project (6 cr)

Project Group

Carlos Arrastia Aparicio
Jari Aarniala
Alejandro Fernandez Rey
Vesa Vainio
Jarkko Laine
Jonathan Brown

Kirill Kulakov
Andrey Salo
Andrey Ananin
Mikhail Kryshen
Viktor Surikov

Customer

Markku Kojo

Project Masters

Juha Taina (Supervisor)
Yury Bogoyavlenskiy (Supervisor)

Turjo Tuohiniemi (Instructor)
Dmitry Korzun (Instructor)

Homepage

<http://www.cs.helsinki.fi/group/dacopan>

Change Log

Version	Date	Modifications
1.0	26.05.2004	First version

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1 Introduction

This document contains the results of the execution of different system tests completed on the DaCoPAn solution. To see other results concerning the Analyzer and Animator modules, refer to the test execution documents particular to these modules.

Section 2 introduces the results of system tests that used the tcpdump logs provided by the customer for some networking scenarios. Section 3 presents the results of tests that used other tcpdump logs. In section 4 the bugs and fixes report used to track and correct bugs can be found.

The results of the test execution will be presented in subsection of this kind:

- Id and name of the executed test.
- Description of the test, or collected results.
- Errors found if any, and maybe a reference to the bug and fixes report.

2 Networking scenario tcpdump log pairs

2.1 Test TE0001 - Scenario 201 - IP Delivery and content

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 201-MN-25022004-143643 and 201-RN-25022004-143643 and generated a pef file (pef_1_1.pef).
 - A human readable file was created using the tcpdump tool (pef_1.td_info).
 - Animator was executed and the generated pef file was loaded.
 - The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.
- FOUND ERRORS

No errors found.

2.2 Test TE0002 - Scenario 310 - IP Fragmentation and simple UDP data transfer

- DESCRIPTION
 - Analyzer was executed for tcpdump log pair 310-MN-25022004-143728 and 310-RN-25022004-143728 and generated a pef file (pef_2_1.pef).

- A human readable file was created using the tcpdump tool (pef_2.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.3 Test TE0003 - Scenarios 321,341 and 361 - Three-way TCP connection establishment, TCP normal FIN termination and Slow start and sending data with TCP.

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 321-341-361-MN-25022004-143813 and 321-341-361-RN-25022004-143813 and generated a pef file (pef_3_1.pef).
- A human readable file was created using the tcpdump tool (pef_3.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.4 Test TE0004 - Scenario 362 - TCP recovery through fast retransmit (happening in slow start with packet loss)

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 362-MN-25022004-143848 and 362-RN-25022004-143848 and generated a pef file (pef_4_1.pef).
- A human readable file was created using the tcpdump tool (pef_4.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.5 Test TE0005 - Scenario 333 - TCP packet loss and recovery through RTO

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 333-MN-07042004-151959 and 333-RN-07042004-151959 and generated a pef file (pef_5_1.pef).
- A human readable file was created using the tcpdump tool (pef_5.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.6 Test TE0006 - Scenario 411 - HTTP: Simple request with reply

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 411-MN-07042004-153553 and 411-RN-07042004-153553 and generated a pef file (pef_6_1.pef).
- A human readable file was created using the tcpdump tool (pef_6.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS

No errors found.

2.7 Test TE0007 - Scenario 101 - ARP Lookup

- DESCRIPTION

- Analyzer was executed for tcpdump log pair 101-arp-sender.dump and 101-arp-receiver.dump and generated a pef file (pef_7_1.pef).
- A human readable file was created using the tcpdump tool (pef_7.td_info).
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

3 Other logs

3.1 Tcpcdumps extracted from Windows environment

Some tcpdump log pairs were extracted using some tool under windows environment. The results of testing those logs in the DaCoPAn solution are presented in this section.

3.2 Test TE0008 - HTTP page retrieval

- DESCRIPTION

Basic HTTP retrieval. Some GET commands are sent and the HTTP response arrives.

- Analyzer was executed for tcpdump log pair dump-27-1 and dump-29-1 and generated a pef file (pef_27_29_1.pef), and also with dump27-2 and dump29-2 generating pef_27_29_2.pef
- Animator was executed and the generated pef file was loaded.
- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

3.3 Tcpcdumps extracted from Linux environment

Other tcpdump log pairs than the ones provided by the customer that the DaCoPAn group has used in order to test the solution, collected under linux environment.

3.4 Test TE0009 - FTP transfer between iota and zeta systems

- DESCRIPTION

Execution of basic FTP commands.

- Analyzer was executed for tcpdump log pair 2-FTP-iota.dump and 2-FTP-zeta.dump and generated a pef file (pef_iota_zeta_1.pef).
- Animator was executed and the generated pef file was loaded.

- The information present in the visualization was the same in the human readable tcpdump file. Encapsulation was correct.

- FOUND ERRORS
No errors found.

4 Bugs and fixes report

```

-----
BUG_ID
    0001
WHICH_MODULE
    Animator
WHO_FOUND
    CarlosArrastia
WHEN_FOUND
    06.05.2004 - 20:40 (GMT+3)
BUG_DESCRIPTION
    The animator gets stuck when trying to show variables
    and header fields. This happens in the refresh of the
    MSC panel. To reproduce this bug go to the settings
    panel in explore mode, select some of the variables or
    header fields for the active layer and accept the changes.
    When the MSC is refreshed, it crashes... Null pointer
    exception thrown.
WHO_NOTICED
    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    6.5.2004
FIX_DESCRIPTION
    Error was located in
    dacopan.ui.MSCPanel.MSCDrawingpanel.paintColumnValues
    method. Error was caused by not checking if a variable
    value is null or not. Trying to get string bounds for
    a null string caused the NullPointerException.
FIXED_IN
    Fix is in MSCPanel.java CVS version 1.27.
CONFIRMED_IN

-----
BUG_ID

```



```

0002
WHICH_MODULE
    Analyzer
WHO_FOUND
    CarlosArrastia
WHEN_FOUND
    06.05.2004 - 21:10 (GMT+3)
BUG_DESCRIPTION
    The analyzer doesn't set the right scope for the header
    fields. For these header fields the scope should be
    unit-field instead of unit. I got this from the pef_4_1
WHO_NOTICED
    ViktorSurikov
WHO_FIXED
    ViktorSurikov
WHEN_FIXED
    7.5.2004 - 17.20 (GMT+3)
FIX_DESCRIPTION
    Error was located in function pef_write_variables in
    pefwrite.c.
FIXED_IN
    pefwrite.c version 1.35
CONFIRMED_IN

```

```

-----
BUG_ID
    0003
WHICH_MODULE
    Animator
WHO_FOUND
    JarkkoLaine
WHEN_FOUND
    05.05.2004 - 12:10 (GMT+3)
BUG_DESCRIPTION
    Time panel updates to weird values when changing layers.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    07.05.2004 - 12:28 (GMT+3)
FIX_DESCRIPTION
    The error was located in the class dacopan.ui.StatusBar
    and caused the animator to add several time panels on the
    same area in the status bar.

```

```

FIXED_IN
    StatusBar.java
CONFIRMED_IN

```

```

-----
BUG_ID
    0004
WHICH_MODULE
    Animator
WHO_FOUND
    JonathanBrown
WHEN_FOUND
    07.05.2004 - 17:17 (GMT+3)
BUG_DESCRIPTION
    The settings panel dialog for selecting variables into MSC
    columns uses the abbreviated versions of the vars. Shouldn't
    it be full names?
WHO_NOTICED
    JonathanBrown
WHO_FIXED
    CarlosArrastia
WHEN_FIXED
    07.05.2004 - 17:23 (GMT+3)
FIX_DESCRIPTION
    Changed method for full name extraction
FIXED_IN
    SettingsPanelLayer.java
CONFIRMED_IN

```

```

-----
BUG_ID
    0005
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez
WHEN_FOUND
    07.05.2004 - 20:11 (GMT+3)
BUG_DESCRIPTION
    Load pef_6_1.pef, press Settings button and select to
    visualize the application variable called Unknown APP
    - Data. When visualizing the application layer, the data
    doesn't fit into the column and it is then
    unreadable.
WHO_NOTICED

```

```

    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    11.5.2004 17:00 (GMT+3)
FIX_DESCRIPTION
    Fix includes two thing. The first thing is that clipping
    is used to make sure values are not painted outside the
    correct column. Second part is that if the value does
    not fit in the column, the beginning (left edge) of the
    value is aligned with the left edge of the column. (When
    the value fits in column, the right edge of value is aligned
    with right edge of column, as before. The difference for
    non-fitting values is that the beginning of the value is now
    shown, rather than the end.
FIXED_IN
    MSCPanel.java version 1.39
CONFIRMED_IN
-
-----
BUG_ID
    0006
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez
WHEN_FOUND
    08.05.2004 - 12:15 (GMT+3)
BUG_DESCRIPTION
    When running the Animator, the menu button
    File->Exit of the upper menu bar
    doesn't close the Animator.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    08.05.2004 - 13:52 (GMT+3)
FIX_DESCRIPTION
    Implemented the exit operation.
FIXED_IN
    UserInterface.java version 1.38
CONFIRMED_IN
-

```

```

-----
BUG_ID
    0007
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez
WHEN_FOUND
    08.05.2004 - 12:15 (GMT+3)
BUG_DESCRIPTION
    Load a PEF into Animator, and press the
    upper menu bar button File->Settings. The settings
    panel should appear, but it doesn't.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    08.05.2004 - 14:23 (GMT+3)
FIX_DESCRIPTION
    Implemented the action listener for the menu button
FIXED_IN
    UserInterface.java version 1.39
CONFIRMED_IN
-

```

```

-----
BUG_ID
    0008
WHICH_MODULE
    Animator
WHO_FOUND
    JonathanBrown
WHEN_FOUND
    08.05.2004 - 13:39 (GMT+3)
BUG_DESCRIPTION
    When a NET packet is dropped, and the TRA parent is
    also dropped, the MSC doesn't draw them correctly.
    Dataview is responsible for this small error, the
    dataview doesn't read the pef strictly.
    (See pef_4_1.pef or pef_4_2.pef between times
    0.4122 and 0.5201)
WHO_NOTICED
    JariAarniala
WHO_FIXED

```

```

    JariAarniala
WHEN_FIXED
    10.05.2004 - 13:30 (GMT+3)
FIX_DESCRIPTION
    Dropped flag was not correctly set for units with
    children, changed TransferUnit constructor by
    adding the dropped flag for every unit
FIXED_IN
    XMLProtocolEventsReader.java 1.14,
    TransferUnit.java 1.19 and others
CONFIRMED_IN
-

```

```

-----
BUG_ID
    0009
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez
WHEN_FOUND
    08.05.2004 - 14:15 (GMT+3)
BUG_DESCRIPTION
    The upper menu bar button Layer doesn't reflect
    the actual layer. When pushed, it always shows
    the selected layer as the one on top.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    10.05.2004 - 14.10 (GMT+3)
FIX_DESCRIPTION
    Changed the order of some calls.
FIXED_IN
    UserInterface.java version 1.41
CONFIRMED_IN
-

```

```

-----
BUG_ID
    0010
WHICH_MODULE
    Analyzer
WHO_FOUND

```

CarlosArrastia

WHEN_FOUND
10.05.2004 - 15:15 (GMT+3)

BUG_DESCRIPTION
Analyzer maps the ARP messages into the Network layer
and that should be done in a different ARP layer

WHO_NOTICED
ViktorSurikov

WHO_FIXED
ViktorSurikov

WHEN_FIXED
18.05.2004 - 10:20 (GMT+3)

FIX_DESCRIPTION
Delete old constant string

FIXED_IN
pefwrite.c (CVS ver. 1.45)

CONFIRMED_IN
-

BUG_ID
0011

WHICH_MODULE
Animator

WHO_FOUND
AlejandroFernandez

WHEN_FOUND
11.05.2004 - 11:45 (GMT+3)

BUG_DESCRIPTION
In recording mode (inside scenario mode), if many
items are added to the play list, the only way to
see some elements is to make the window bigger.
Maybe a vertical scrolling bar could be good.

WHO_NOTICED
VesaVainio

WHO_FIXED
VesaVainio

WHEN_FIXED
11.5.2004 14:30 (GMT+3)

FIX_DESCRIPTION
The scrollpane was not working properly, because the
JList showing the list had some size attributes set.
Removed these, and not the JScrollPane
works properly. Everything beautiful now.

FIXED_IN

```

        ScenarioEditorPanel.java (version 1.17)
        ScenarioEditorPanel.form (version 1.10)
CONFIRMED_IN
    -

-----
BUG_ID
    0012
WHICH_MODULE
    Animator
WHO_FOUND
    JarkkoLaine
WHEN_FOUND
    11.05.2004 - 12:45 (GMT+3)
BUG_DESCRIPTION
    Fast forward and rewind buttons should be disabled
    if the animation is at the ends of the animation.
WHO_NOTICED
    JarkkoLaine
WHO_FIXED
    JarkkoLaine
WHEN_FIXED
    27.5.2004
FIX_DESCRIPTION
    Implemented methods isAtBeginning() and isAtEnd()
    in AnimationTimeState and in MainFrame. The ones in
    MainFrame just return the values from their
    AnimationTimeState counterparts. UserInterface
    didn't require any changes.
FIXED_IN
    AnimationTimeState.java 1.17
    MainFrame.java 1.102
CONFIRMED_IN
    -

-----
BUG_ID
    0013
WHICH_MODULE
    Animator
WHO_FOUND
    CarlosArrastia
WHEN_FOUND
    11.05.2004 - 18:50 (GMT+3)
BUG_DESCRIPTION

```

The animator paints the in a wrong situation the
 information about header fields in dropped packets

WHO_NOTICED
 VesaVainio

WHO_FIXED
 VesaVainio

WHEN_FIXED
 12.5.2004 09:00 (GMT+3)

FIX_DESCRIPTION
 Created a special case for handling the geometry
 in the case of dropped packets.

FIXED_IN
 MSCPanel.java (version 1.46)

CONFIRMED_IN
 -

BUG_ID
 0014

WHICH_MODULE
 Analyzer

WHO_FOUND
 KirillKulakov

WHEN_FOUND
 10.05.2004 - 15:00 (GMT+3)

BUG_DESCRIPTION
 Application-layer message is marked as dropped
 when all fragments are received successfully
 (test pf_8_4.sh).

WHO_NOTICED
 MikhailKryshen

WHO_FIXED
 MikhailKryshen

WHEN_FIXED
 15.05.2004

FIX_DESCRIPTION
 Do not try to extract application messages
 from received events, extract only from sent
 (remove TCP_DEFRAG_BY_SENT definition in
 ec_tcp.c to cancel this fix).
 25.05.2004: undid the fix: this was not a
 bug, the described behaviour was
 caused by the incomplete finalization of TCP
 connection in the test. Also the fix caused bug 0022.

FIXED_IN

ec_tcp.c version 1.8
 CONFIRMED_IN

-

 BUG_ID

0015

WHICH_MODULE

Analyzer

WHO_FOUND

KirillKulakov

WHEN_FOUND

17.05.2004 - 12:20 (GMT+3)

BUG_DESCRIPTION

If we adds PTU after last PTU in PTP the link
 to next element did not set as NULL.

WHO_NOTICED

KirillKulakov

WHO_FIXED

KirillKulakov

WHEN_FIXED

2004-05-17

FIX_DESCRIPTION

When last PTU in PTP be changed the link to next
 element set as NULL.

FIXED_IN

msgmap.c version 1.28

CONFIRMED_IN

-

 BUG_ID

0016

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

18.05.2004 - 10:10 (GMT+2)

BUG_DESCRIPTION

Open e.g. test_pefs/pef_writef_01.pef (CVS version 1.10).
 You get exception:

java.lang.RuntimeException: Must have two hosts!

at fi.helsinki.dacopan.ui.MainFrame.createDefaultSettings
 (MainFrame.java:807)

After this the program is left in a state where everything looks normal, but nothing works.

This seems to be caused by the requirement that there needs to be AT LEAST two hosts present in the PEF file.

Suggested fix would be either:

- a) Catch the situation already in loading code and refuse to load the file if it doesn't have two hosts.
- b) Have an error dialog shown to the user and leave the program in a valid state.

WHO_NOTICED

JariAarniala

WHO_FIXED

JariAarniala

WHEN_FIXED

24.05.2004 - 21:00 (GMT+2)

FIX_DESCRIPTION

Fixed using the approach a) (i.e. added a restriction to XMLProtocolEventsReader.java that a PEF must contain >= 2 hosts). Also improved error reporting.

FIXED_IN

MainFrame.java v1.98, XMLProtocolEventsReader.java v1.16

CONFIRMED_IN

-

BUG_ID

0017

*** This bug report was a duplicate of bug \#0010,
please refer to it instead

- Jari

BUG_ID

0018

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

20.5.2004 - HH:MM (GMT+2)

BUG_DESCRIPTION

Sometimes when I click the 'Load' button I get the output that I'll paste below. It is possible that the error is not even caused by our code, but still it would seem nice to be able to catch this kind of exception. Now the program is left in an invalid state and needs to be restarted.

Here is the output:

```
FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
FileSystemView.getShellFolder: f=E:\\Dacopan\\dacopan\\test_pefs
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.io.FileNotFoundException: Could not find file E:\\Dacopan\\dacopan\\test_pefs
    at sun.awt.shell.Win32ShellFolder2.parseDisplayName(Win32ShellFolder2.java:580)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:40)
    at sun.awt.shell.Win32ShellFolderManager2.createShellFolder(Win32ShellFolderManager2.java:36)
    at sun.awt.shell.ShellFolder.getShellFolder(ShellFolder.java:236)
    at javax.swing.filechooser.FileSystemView.getShellFolder(FileSystemView.java:486)
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:409)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
java.lang.NullPointerException
    at javax.swing.filechooser.FileSystemView.GetFiles(FileSystemView.java:412)
    at javax.swing.plaf.basic.BasicDirectoryModel$LoadFilesThread.run(BasicDirectoryModel.java:194)
```

WHO_NOTICED

JariAarniala

WHO_FIXED

VesaVainio

WHEN_FIXED

24.5.2004 21:35 (GMT+2)

FIX_DESCRIPTION

Jari:

This is a bug in the j2sdk itself (reference:

<http://developer.java.sun.com/developer/bugParade/bugs/4869950.html>), will fix soon.

Vesa:

Fixed by catching anything Throwable in
 UserInterface.loadFile(). The bug
 is difficult to reproduce, so I can't test my
 fix instantly. Also, the error message for user is
 not very informative, as I did it by using
 something we already have in the localisable
 resources. (mainframe.title_loading_pef_failed =
 "Loading protocol events file failed")

FIXED_IN

UserInterface.java (version 1.61)

CONFIRMED_IN

-

 BUG_ID

0019

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

23.5.2004 - HH:MM (GMT+2)

BUG_DESCRIPTION

1. Start animator
2. Load pef_7_2.pef
3. Skip to the end
4. Look at UFO panel

Observed: The red cross (for dropped packet)
 is centered at the edge of a
 packet.

Expected: The cross should be centered at
 the center of the packet.

I've seen this with some other pefs
 and packets as well.

WHO_NOTICED

-

WHO_FIXED

-

```

WHEN_FIXED
-
FIX_DESCRIPTION
-
FIXED_IN
-
CONFIRMED_IN
-
-----
BUG_ID
    0020
WHICH_MODULE
    Animator
WHO_FOUND
    AlejandroFernandez \& CarlosArrastia
WHEN_FOUND
    22.5.2004 18:00 (GMT+2)
BUG_DESCRIPTION
    If you open the scenario playlist panel and
    after that change the language, the language
    in the panel doesn't change. In fact, the items
    in the list change their language, but not
    the buttons or frame title...
WHO_NOTICED
    VesaVainio
WHO_FIXED
    VesaVainio
WHEN_FIXED
    24.5.2004 21:00 (GMT+2)
FIX_DESCRIPTION
    When the language is changed,
    AnimationSequence.refreshWindow() is called.
    However, the semantics of this method were
    a bit unclear. Now the semantics
    is changed so that the whole window is
    completely re-created when this
    method is called. (The window title was
    previously static in ScenarioEditorDialog.java,
    but now it's changed to non-static.) Now the
    refreshWindow() also preserves other aspects
    of the old window, like
    location, size and visibility status.
FIXED_IN
    AnimationSequence.java (version 1.32)
    ScenarioEditorDialog.java (version 1.6)

```

CONFIRMED_IN

-

BUG_ID

0021

WHICH_MODULE

Animator

WHO_FOUND

AlejandroFernandez

WHEN_FOUND

24.5.2004 - 19:54 (GMT+2)

BUG_DESCRIPTION

Load pef_5_1.pef. There are 2 lost units at
0,4518 secs and 0,5531. If you
choose to represent TT variable in Network layer,
you can see that the value of TT for the lost units
is "unknown" (which is normal), but if you change
the language to spanish/russian/finnish, TT is
still "unknown", that is the string is not localised.

WHO_NOTICED

-

WHO_FIXED

-

WHEN_FIXED

-

FIX_DESCRIPTION

-

FIXED_IN

-

CONFIRMED_IN

-

BUG_ID

0022

WHICH_MODULE

Analyzer

WHO_FOUND

JonathanBrown

WHEN_FOUND

23.5.2004 - 14:38 (GMT+2)

BUG_DESCRIPTION

Jonathan: "In scen 4.2, we have a dropped NET IP
packet, and it's parent TCP packet
is also dropped.. (of course).. but why is

the whole root HTTP packet marked as "dropped" in the animation?"

Jari: the HTTP unit is marked dropped in the PEF, and this is wrong in my opinion (although a single TCP unit was dropped, the whole HTTP unit wasn't).

WHO_NOTICED

KirillKulakov

WHO_FIXED

MikhailKryshen

WHEN_FIXED

25.05.2004 - 16:00 (GMT+3)

FIX_DESCRIPTION

Undid the fix of bug 0014 (see FIX_DESCRIPTION for bug 0014).

FIXED_IN

ec_tcp.c (version 1.10)

CONFIRMED_IN

-

BUG_ID

0023

WHICH_MODULE

Animator

WHO_FOUND

VesaVainio

WHEN_FOUND

25.5.2004 - 19:45 (GMT+2)

BUG_DESCRIPTION

1. Launch the animator.
2. Create a scenario file with an ENC item as the first item.
3. Save the file.
4. Close the animator.
5. Launch the animator again.
6. Load the file you just saved.

EXPECTED: You would just see the encapsulation corresponding to the first item in the play list.

OBSERVED: A dialog with title "Loading protocol events file failed" and text "Protocol events reader reported error: null".

WHO_NOTICED
VesaVainio
WHO_FIXED
VesaVainio
WHEN_FIXED
25.5.2004 - 20:15 (GMT+2)
FIX_DESCRIPTION
This was probably caused by the call
animatorTimeState.pause() in MainFrame
when the animatorTimeState was still null.
(Nice catching just Exception when you're
really looking for only IOExceptions...)
I added the checking for null.
FIXED_IN
MainFrame.java (version 1.99)
CONFIRMED_IN
-