INTERFACE CONTROL

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Revision 2.1

Team C

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Revision History

Date	Revision	Description
04/15/2014	0.5	Initial draft
04/16/2014	1.0	Added transmitted data (packetTransmitter & rdosTester) Added transmitted data (analysis& rdosTester) Added transmitted data (packet & rdosTester) Added transmitted data (packetTransmitter & network) Added transmitted data (network & packetTransmitter)
04/17/2014	1.8	Updated transmitted data for all subsystems (Split packet into two data types)
04/26/2014	2.0	Changed all references of "…" to "N/A"
05/07/2014	2.1	Updated variable names and values.

1. Introduction

This interface control document specifies the type and range of data that is passed between the RdosTester subsystems. Additionally, it specifies the type and range of data sent to and received from outside systems.

2. Data Between the RdosTester Subsystem and the Packet Subsystem

Name	Type	Value Range	Default Value
validSrcIP1	int	0-255	192
validSrcIP2	int	0-255	168
validSrcIP3	int	0-255	0
validSrcIP4	int	0-255	0
validDstIP1	int	0-255	5
validDstIP2	int	0-255	101
validDstIP3	int	0-255	146
validDstIP4	int	0-255	67
validPort	int	0-65535	27960
validMac	String	N/A	null

3. Data Between the RdosTester Subsystem and the PacketTransmitter Subsystem

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	N/A	null
packetSize	int	0-2^31	0
`networkInterfaceList.getSelectedIndex()`	int	0-2^31	0

4. Data Between the RdosTester Subsystem and the Analysis Subsystem

Name	Type	Value Range	Default Value
returnedSize	int	0-2^31	0
originalSize	int	0-2^31	0

5. Data Between the RdosTester Subsystem and the User

Name	Type	Value Range	Default Value
statusBar.setText()	String	N/A	null

6. Data Between the PacketTransmitter Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
returnedPacket	Packet		
completePacket	String	N/A	null
packetSize	int	0-2^31	0

7. Data Between the Analysis Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
ratio	int	0-2^31	0

8. Data Between the Packet Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	N/A	null
packetSize	int	0-2^31	0

9. Data Between the PacketTransmitter Subsystem and the Network

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	N/A	null
packetSize	int	0-2^31	0

10. Data Between the Network and the PacketTransmitter Subsystem

Name	Type	Value Range	Default Value
returnedPacket	Packet		
completePacket	String	N/A	null
packetSize	int	0-2^31	0