# INTERFACE CONTROL

**20 April 2014**

**Team C**

**Jamie Lane, Bradley Norman, Daniel Ross**

# Introduction

The interface control document shows the data that is passed among the subsystems or outsides system of the Rdos Tester program.

# Data Between the RdosTester Subsystem and the Packet Subsystem

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| srcIP1 | int | 0-999 | 0 |
| srcIP2 | int | 0-999 | 0 |
| srcIP3 | int | 0-999 | 0 |
| srcIP4 | int | 0-999 | 0 |
| dstIP1 | int | 0-999 | 0 |
| dstIP2 | int | 0-999 | 0 |
| dstIP3 | int | 0-999 | 0 |
| dstIP4 | int | 0-999 | 0 |
| port | int | 0-65535 | 0 |

# Data Between the RdosTester Subsystem and the PacketTransmitter Subsystem

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| originalPacket | Packet |  |  |
| completePacket | String | “…” | null |
| packetSize | int | 0-2^31 | 0 |

# 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 |

# Data Between the RdosTester Subsystem and the User

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| message | String | “…” | null |

# Data Between the PacketTransmitter Subsystem and the RdosTester Subsystem

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| returnedPacket | Packet |  |  |
| completePacket | String | “…” | null |
| packetSize | int | 0-2^31 | 0 |

# Data Between the Analysis Subsystem and the RdosTester Subsystem

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

# Data Between the Packet Subsystem and the RdosTester Subsystem

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| originalPacket | Packet |  |  |
| completePacket | String | “…” | null |
| packetSize | int | 0-2^31 | 0 |

# Data Between the PacketTransmitter Subsystem and the Network

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| originalPacket | Packet |  |  |
| completePacket | String | “…” | null |
| packetSize | int | 0-2^31 | 0 |

# Data Between the Network and the PacketTransmitter Subsystem

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Value Range** | **Default Value** |
| returnedPacket | Packet |  |  |
| completePacket | String | “…” | null |
| packetSize | int | 0-2^31 | 0 |