# INTERFACE CONTROL

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# **Team C**

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# 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** |
| srcIP1 | int | 0-255 | 127 |
| srcIP2 | int | 0-255 | 0 |
| srcIP3 | int | 0-255 | 0 |
| srcIP4 | int | 0-255 | 1 |
| dstIP1 | int | 0-255 | 127 |
| dstIP2 | int | 0-255 | 0 |
| dstIP3 | int | 0-255 | 0 |
| dstIP4 | int | 0-255 | 1 |
| port | int | 0-65535 | 27960 |

# 3. 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 |

# 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** |
| message | String | “…” | null |

# 6. 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 |

# 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 | “…” | 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 | “…” | 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 | “…” | null |
| packetSize | int | 0-2^31 | 0 |