# INTERFACE CONTROL

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**Team C**

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# 1. Introduction

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

# 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 |