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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Offset  byte | Byte | 0 | | | | | | | | 1 | | | | | | | 2 | | | | | | | 3 | | | | | | |
| Bit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 0 | 0 | Tipo de paquete | | | | | | | | Reservado | | | | | | | Longitud de nombre de usuario | | | | | | | Reservado | | | | | | |
| 4 | 32 | Nombre de usuario | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Paquete “Conexión inicial”**

CHAT (S->C)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Offset  byte | Byte | 0 | | | | | | | | 1 | | | | | | | 2 | | | | | | | 3 | | | | | | |
| Bit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 0 | 0 | Tipo de paquete | | | | | | | | Reservado | | | | | | | Longitud de nombre de usuario | | | | | | | Reservado | | | | | | |
| 4 | 32 | Nombre de usuario | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Offset  byte | Byte | 0 | | | | | | | | 1 | | | | | | | 2 | | | | | | | 3 | | | | | | |
| Bit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 0 | 0 | Tipo de paquete | | | | | | | | De quien (bool) | | | | | | | Tamaño del mensaje | | | | | | | MENSAJE… | | | | | | |
| 4 | 32 | … MENSAJE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Offset  byte | Byte | 0 | | | | | | | | 1 | | | | | | | 2 | | | | | | | 3 | | | | | | |
| Bit | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 0 | 0 | Tipo de paquete | | | | | | | | Reservado | | | | | | | Longitud de nombre de usuario | | | | | | | Reservado | | | | | | |
| 4 | 32 | Nombre de usuario | | | | | | | | | | | | | | | | | | | | | | | | | | | | |