Peerchat Protocol

This document describes the peerchat protocol specification and implementation.

Packet Format

Words words

Packet Format			
Size	**Type**	**Name**	**Description**
1 Byte	Unsigned Integral	Payload Type	Indicator for the type of payload being held by this packet.
* Bytes	Variable Length	Payload	The data for the payload. The format of this section depends on the payload type.

Payload Format

Words words

Payload Types

Words words

Payload Types		
Value	**Name**	**Description**
0x01	Message	Denotes the payload contains message data.
0x02	Identity	Denotes the payload contains identity data.

Message Payload

Words words

Message Payload Format			
Size	**Type**	**Name**	**Description**
2 Bytes	Unsigned Integral	Message Length	Length of the message in bytes.
* Bytes	Variable Length	Message	The message.

Identity Payload

Words words

Message Payload Format			
Size	**Type**	**Name**	**Description**
2 Bytes	Unsigned Integral	Message Length	Length of the message in bytes.
* Bytes	Variable Length	Message	The message.

Words words