IMT Atlantique
Bretagne-Pays de la Loire
École Mines-Télécom

c2w protocol

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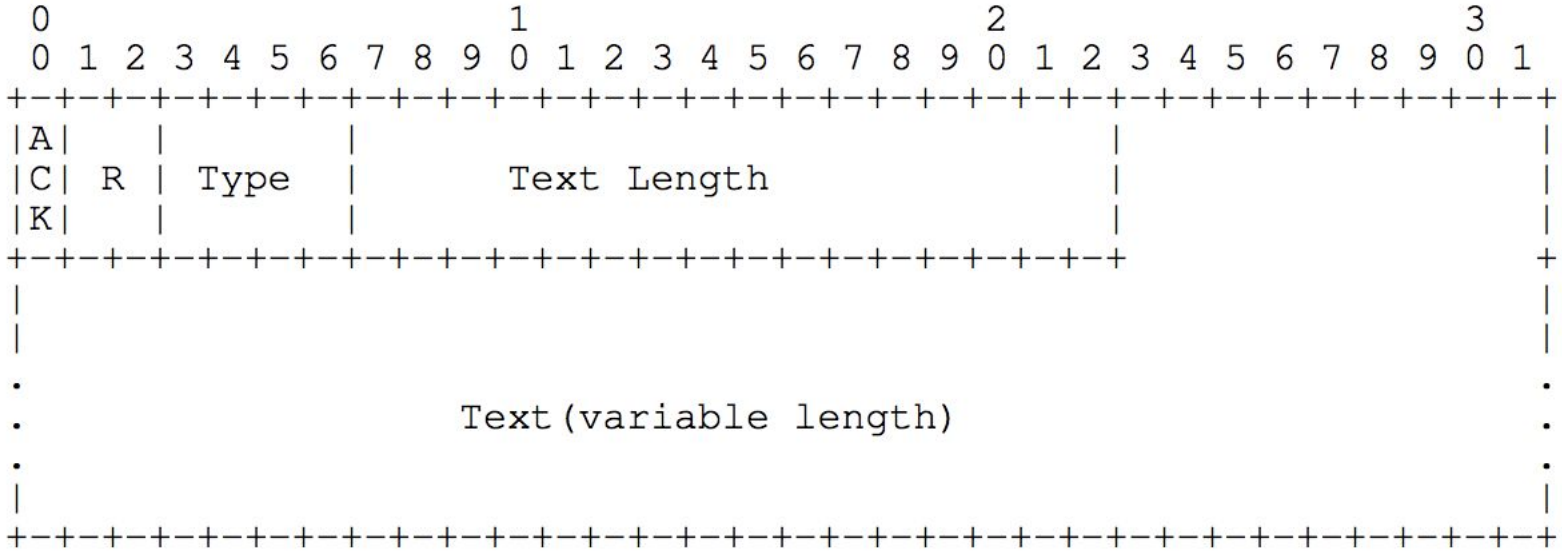
CHAPITRE 1 : FORMAT OF MESSAGE



CHAPITRE 1 : FORMAT OF MESSAGE

* ACK field(1 bit): This field is set to 1 to acknowledge a previous message， the default value is 0.

* R field (2 bits) : This field indicates the type of corresponding room.

00 : main room

01 : movie room

11 : other case

* Type field (4 bits) : This field indicates the type of each message (refer to a table (definition of the type) for more details).

* Text Length field (16 bits): This field specifies the total length in bytes of the Text. The user must ensure that this field contains the correct value.

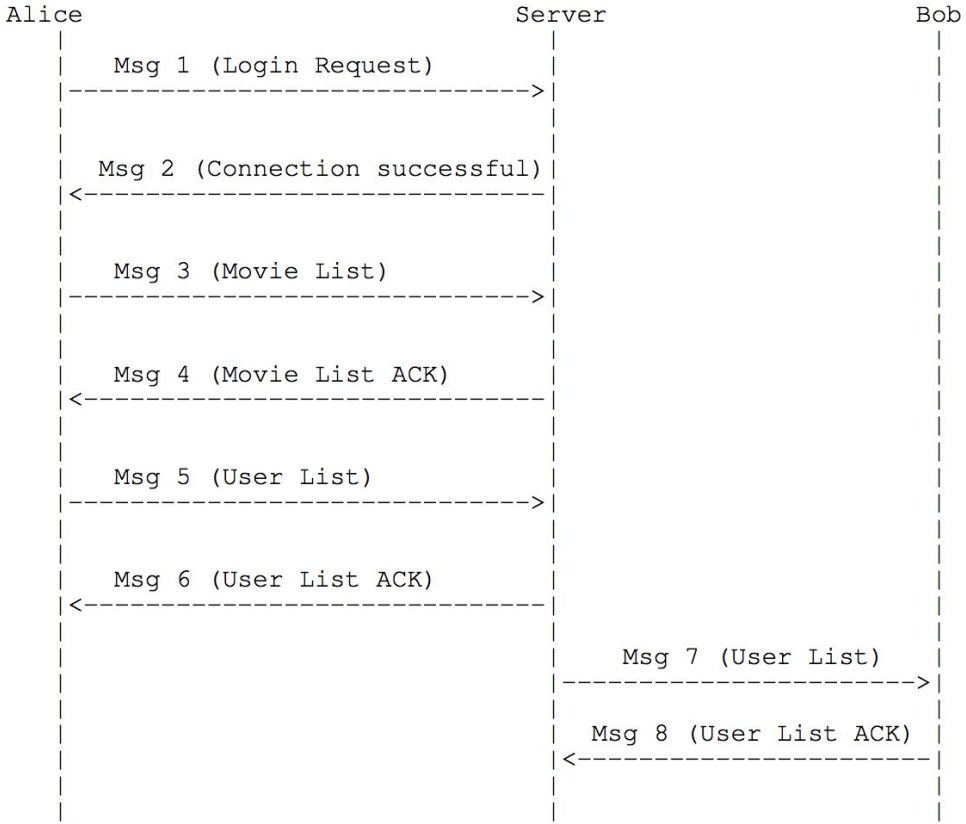
* Text field (variable length): This field contains the contente that is the object of the message, encoded in ASCII.

CHAPITRE 1 : FORMAT OF MESSAGE

Type	Message Name
0000	Connection To Main Room
0001	Connection Successful
0010	Connection Failed
0011	List of All Users In Main Room
0100	List of All Movies In Main Room
0101	User Sends Message to Server
0110	Server Sends Message to All Users
0111	Enter One Movie Room
1000	List of All Users in Movie Room
1001	Leave the Movie Room
1010	Leave the Main Room
1111	Error

Table 1: Definition of the Type

CHAPITRE 2 : EXEMPLE



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Merci beaucoup!