Sender wants to send data to receiver

Receiver now wants to send data to the sender

DATA (R->S) 1…n

DATA (R->S) 1…n

DATA (S->R) 1…n

DATA (S->R) 1…n

BIND(ZID\_S)

Zephyr  
Client  
(Receiver)

XMPP  
Server

Zephyr

Server

Zephyr

Client

(Sender)

connect()

BIND(ZID\_R)

base64(ZID\_R)

base64(ZID\_R)

connect()

ZID\_R

base64(ZID\_S)

base64(ZID\_S)

ZID\_S

*PARK returned in all states that require the state-machine to wait for an IO event (i.e. any states where SEL\_READ/SEL\_WRITE is a valid transition)*

SEL\_READ /

SEL\_WRITE /

PENDING\_OUT\_PACKET

SEL\_READ

SEL\_READ

SEL\_READ /  
RECVD\_REMOTE\_CHAN\_ID

HALT

HALT

HALT

HALT

HALT

HALT

BOUND

PREPARED\_FOR\_BINDING

NEED\_TO\_BIND / PENDING\_OUT\_PACKET

REGISTERED

PREPARED\_FOR\_REGISTRATION

CONNECTED

PREPARED\_FOR\_CONNECT

BEGIN\_CONNECT