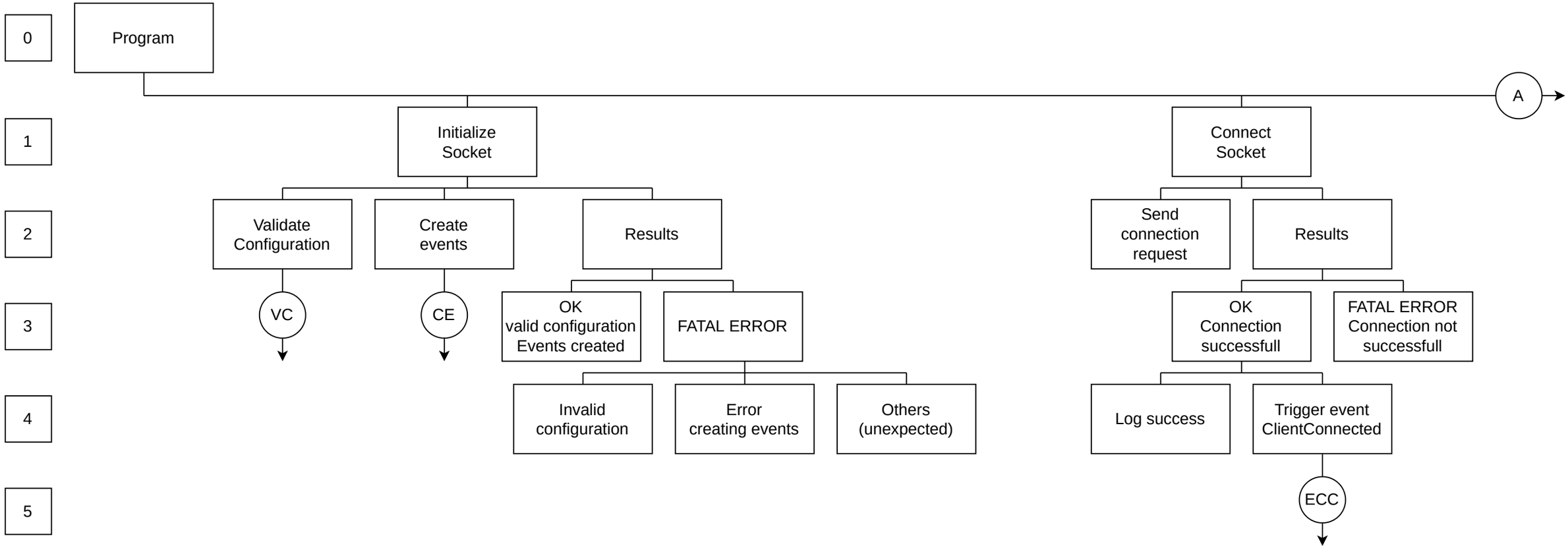
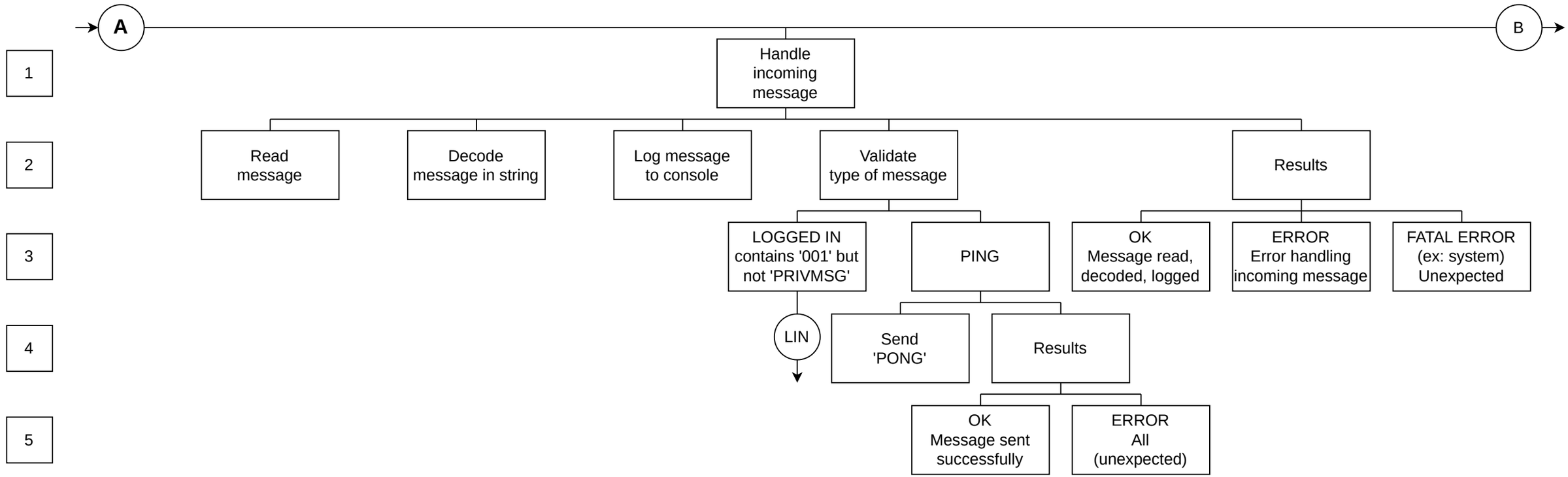
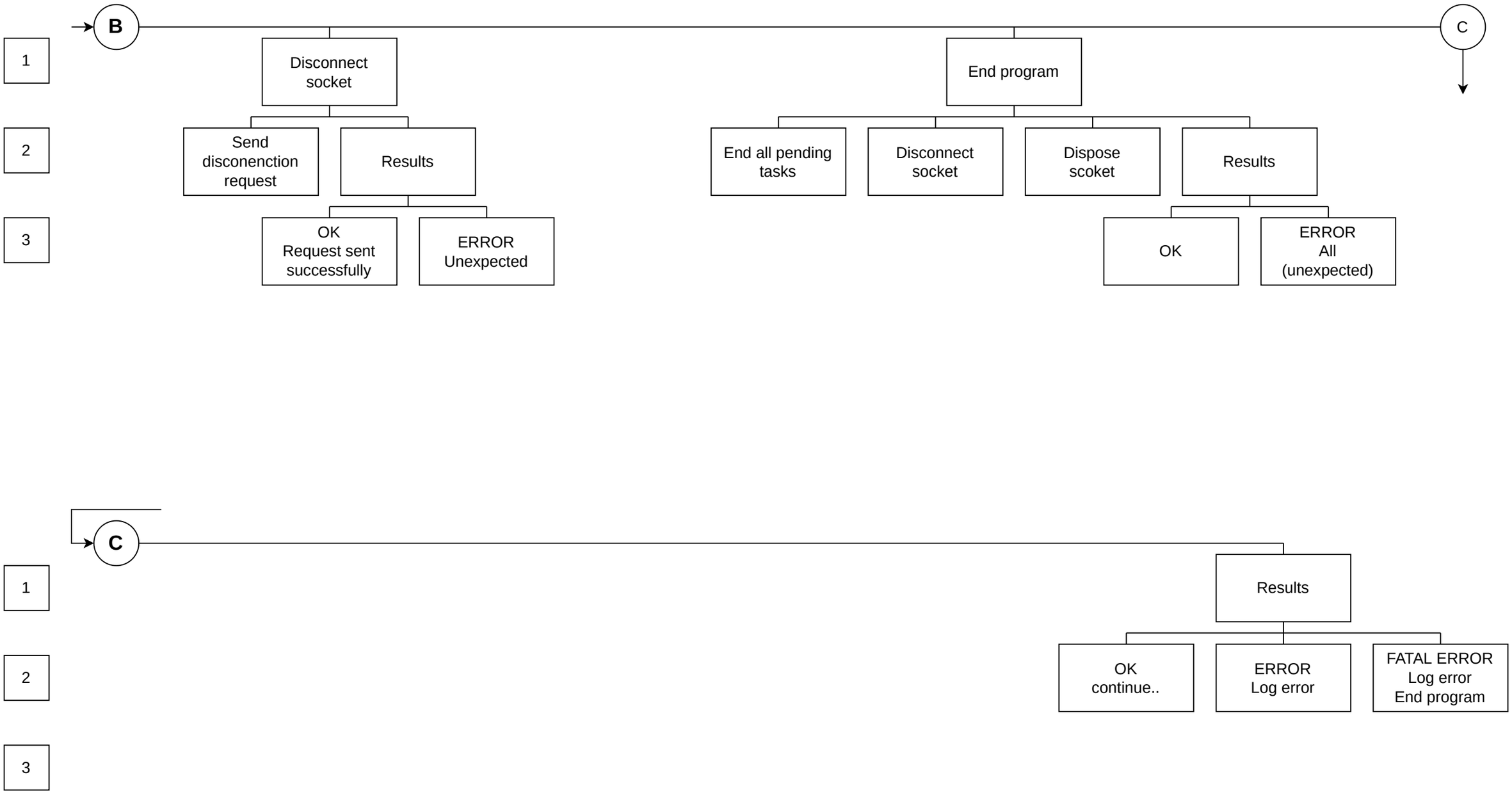


TwitchProtIncClient.vpi.pdf

Summary : Defines the visual programming index
Author : ThePageinc
Date created : Feb. 18th 2022
Last update : Feb. 23rd 2022
Version : 1.0.0b


A
B
1
2
3
4
5
Handle incoming message
Read message
Decode message in string
Log message to console
Validate type of message
Results
LOGGED IN contains '001' but not 'PRIVMSG'
PING
OK Message read, decoded, logged
ERROR Error handling incoming message
FATAL ERROR (ex: system) Unexpected
LIN
Send 'PONG'
Results
OK Message sent successfully
ERROR All (unexpected)

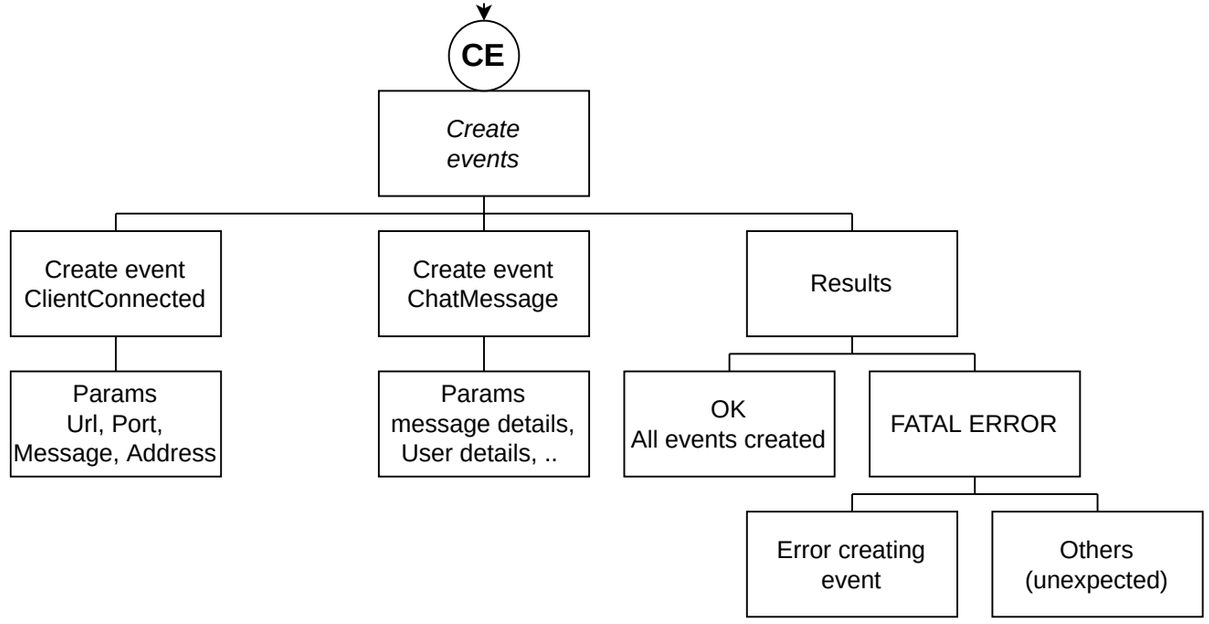

B
C
1
2
3
Disconnect socket
Send disconenction request
Results
OK
Request sent successfully
ERROR
Unexpected
End program
End all pending tasks
Disconnect socket
Dispose scoket
Results
OK
ERROR
All
(unexpected)
C
1
2
3
Results
OK
continue..
ERROR
Log error
FATAL ERROR
Log error
End program

2

3

4

5

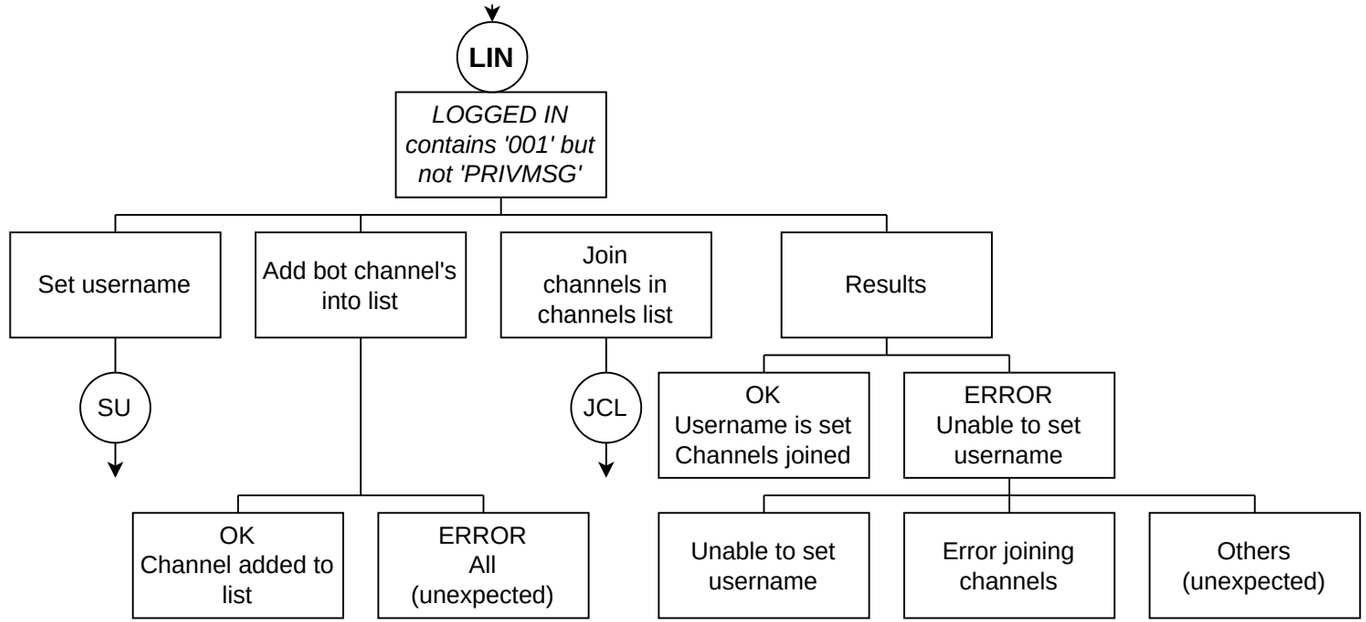

CE
Create events
Create event ClientConnected
Create event ChatMessage
Results
Params Url, Port, Message, Address
Params message details, User details, ..
OK All events created
FATAL ERROR
Error creating event
Others (unexpected)

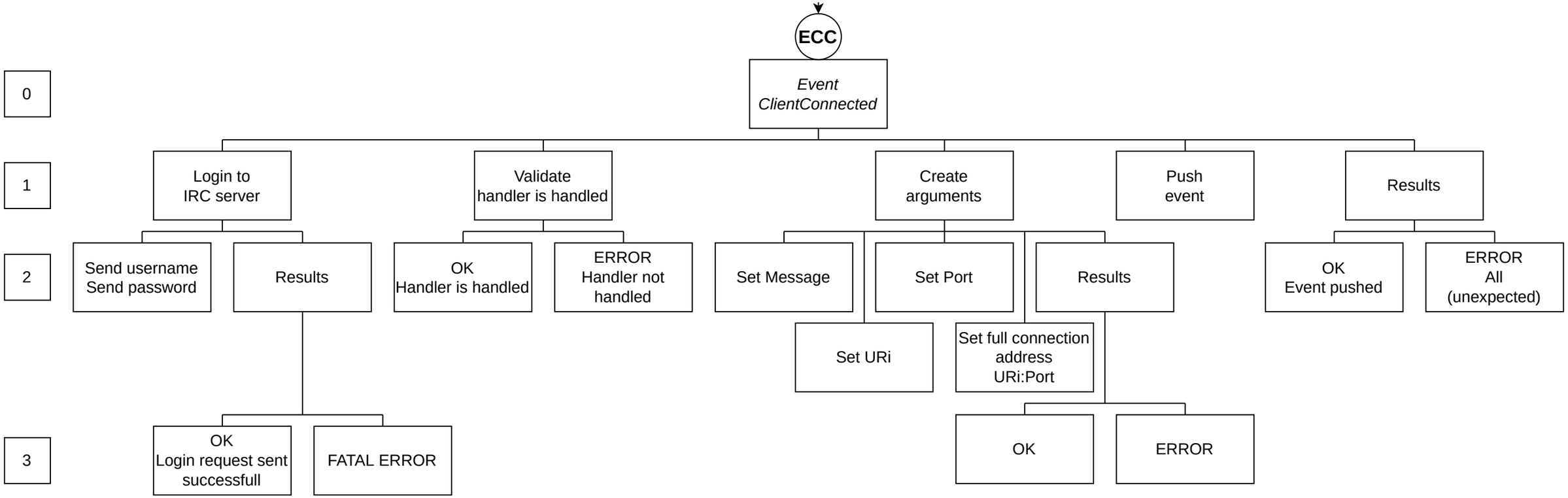
3

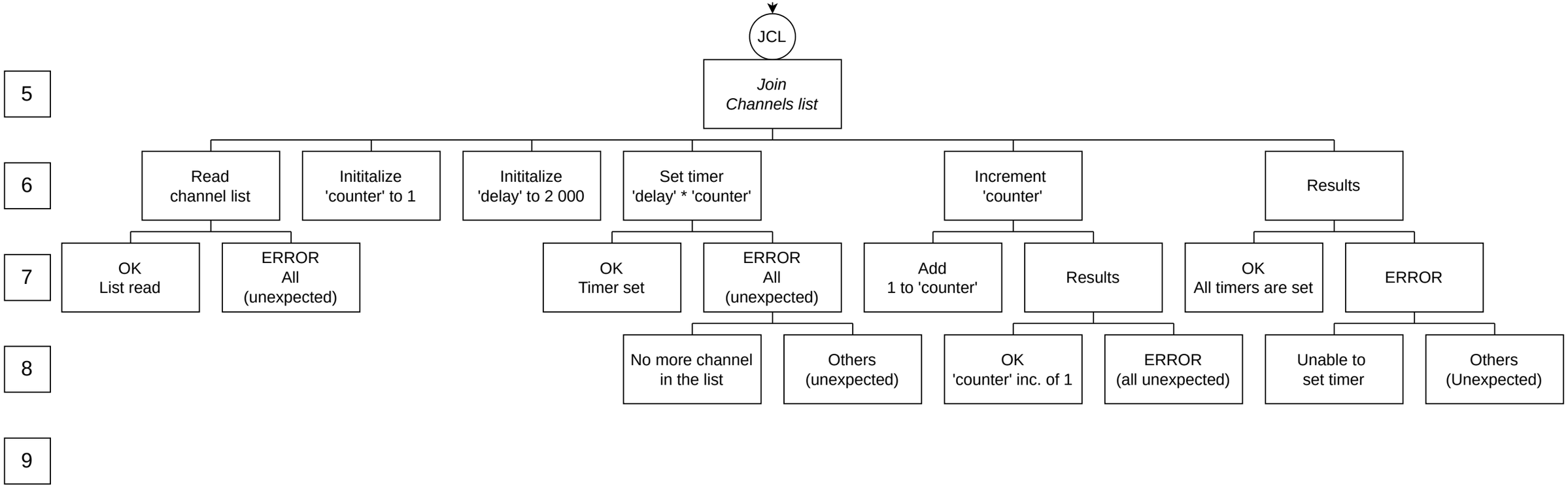
4

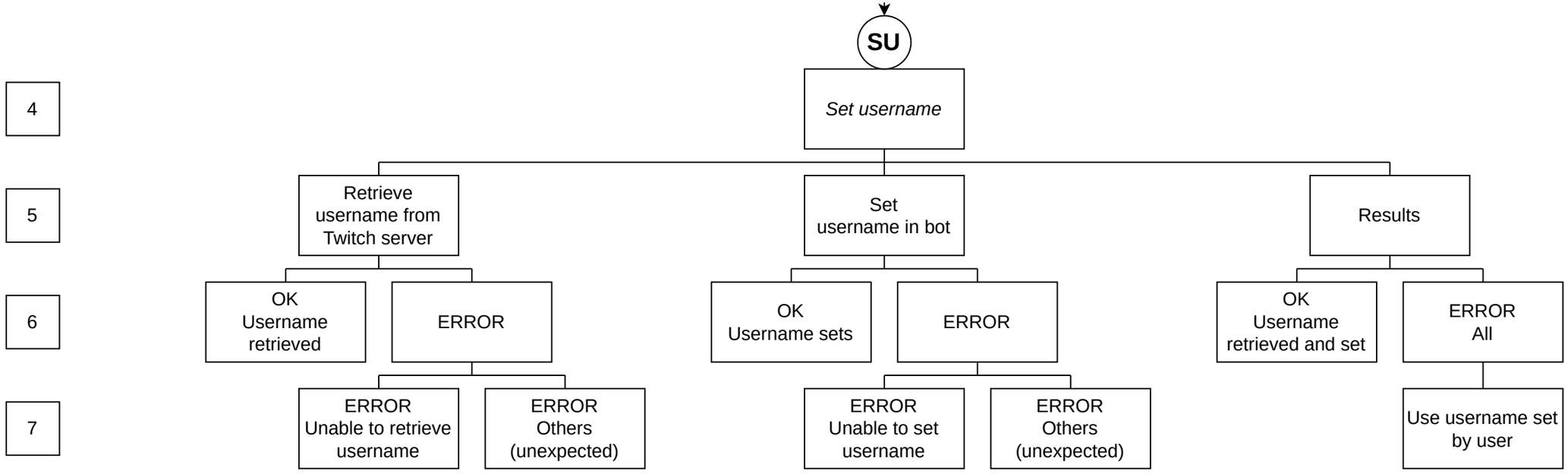
5

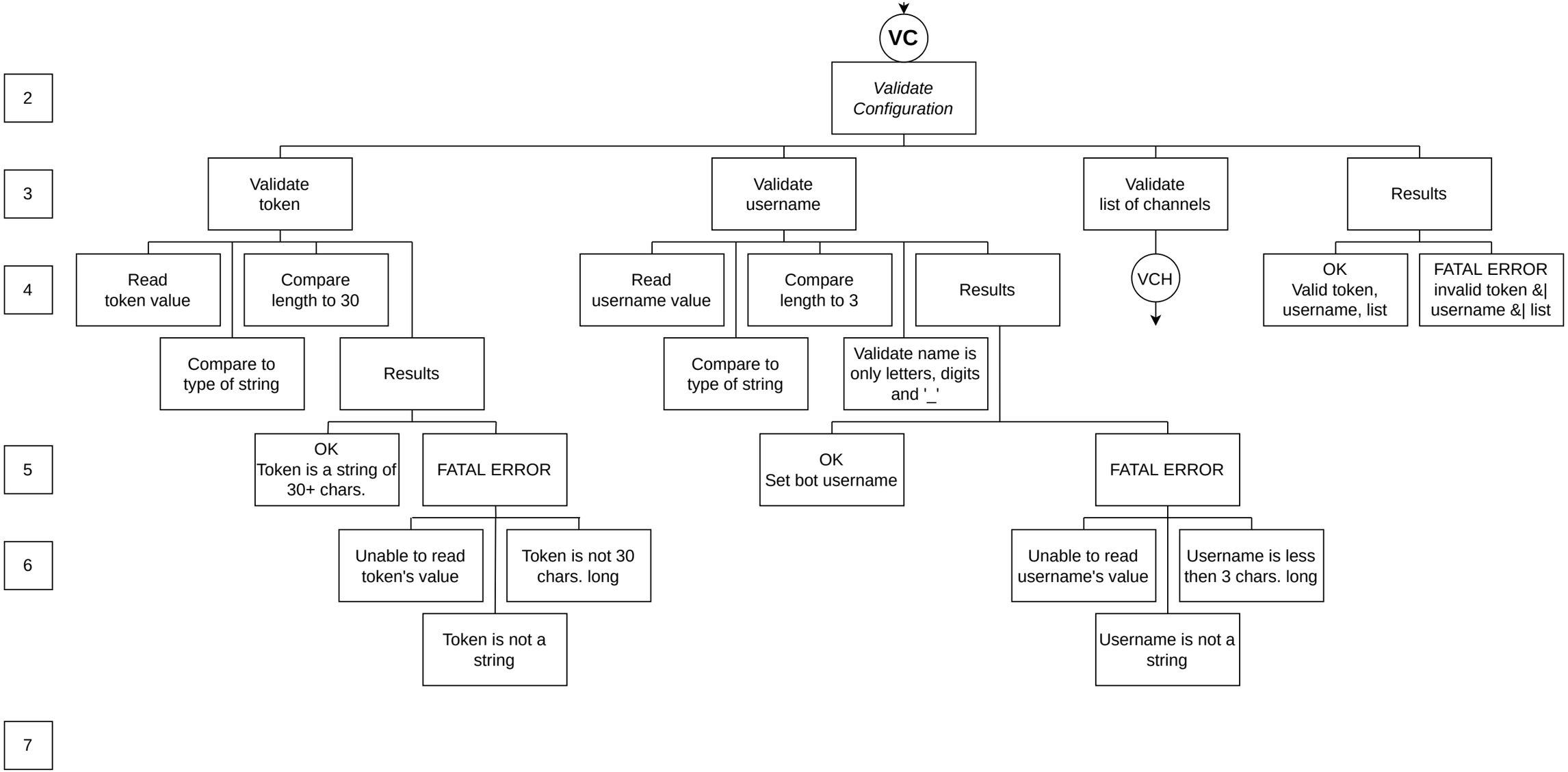
6

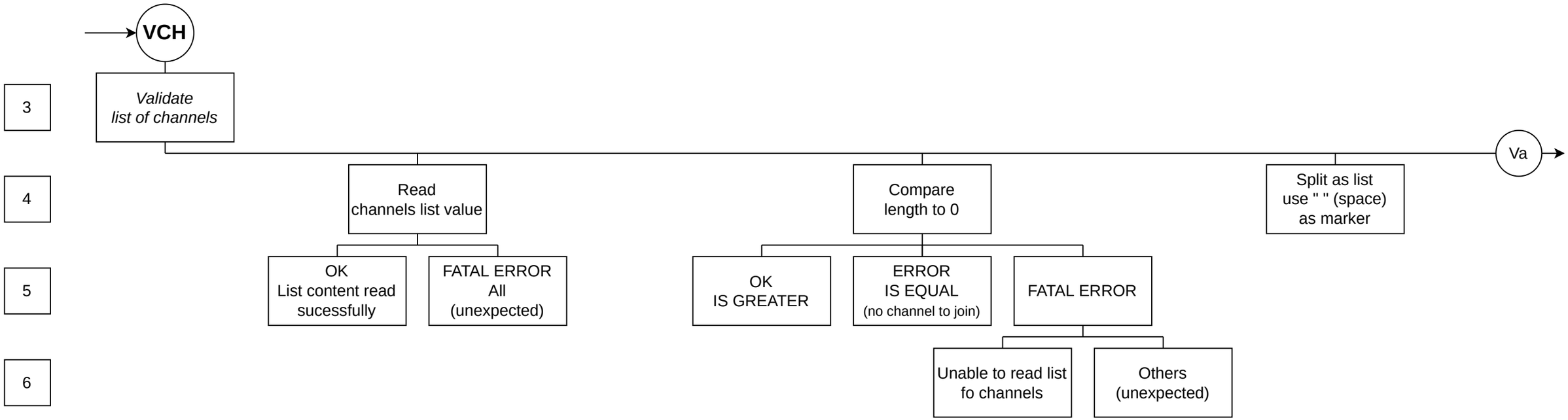

LIN
LOGGED IN
contains '001' but
not 'PRIVMSG'
Set username
Add bot channel's
into list
Join
channels in
channels list
Results
SU
JCL
OK
Username is set
Channels joined
ERROR
Unable to set
username
OK
Channel added to
list
ERROR
All
(unexpected)
Unable to set
username
Error joining
channels
Others
(unexpected)

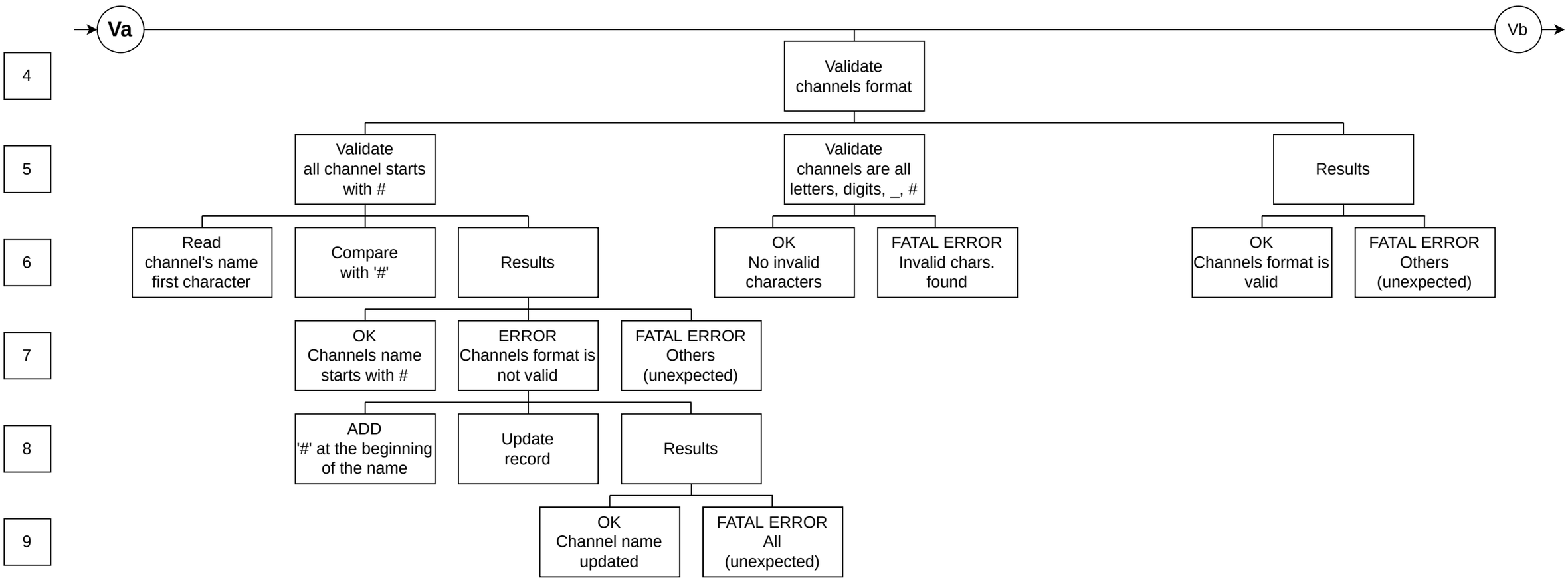

0
1
2
3
ECC
Event
ClientConnected
Login to
IRC server
Validate
handler is handled
Create
arguments
Push
event
Results
Send username
Send password
Results
OK
Handler is handled
ERROR
Handler not
handled
Set Message
Set Port
Results
OK
Event pushed
ERROR
All
(unexpected)
Set URi
Set full connection
address
URi:Port
OK
Login request sent
successfull
FATAL ERROR
OK
ERROR

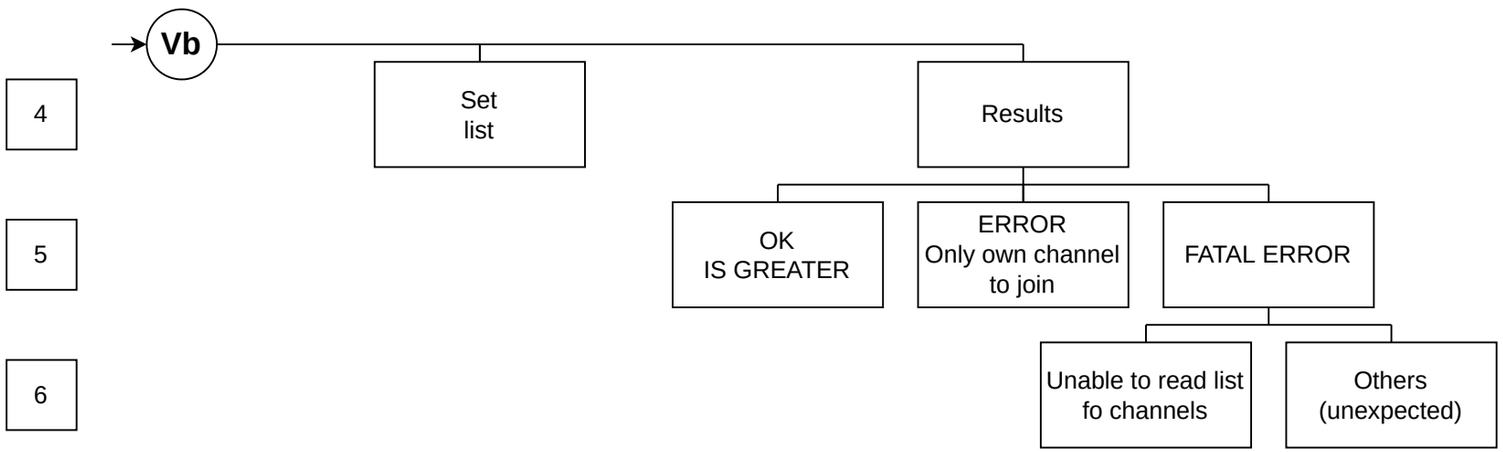

5
6
7
8
9
JCL
Join
Channels list
Read
channel list
Inititalize
'counter' to 1
Inititalize
'delay' to 2 000
Set timer
'delay' * 'counter'
Increment
'counter'
Results
OK
List read
ERROR
All
(unexpected)
OK
Timer set
ERROR
All
(unexpected)
Add
1 to 'counter'
Results
OK
All timers are set
ERROR
No more channel
in the list
Others
(unexpected)
OK
'counter' inc. of 1
ERROR
(all unexpected)
Unable to
set timer
Others
(Unexpected)


4
5
6
7
SU
Set username
Retrieve username from Twitch server
Set username in bot
Results
OK Username retrieved
ERROR
OK Username sets
ERROR
OK Username retrieved and set
ERROR All
ERROR Unable to retrieve username
ERROR Others (unexpected)
ERROR Unable to set username
ERROR Others (unexpected)
Use username set by user


2
3
4
5
6
7
VC
Validate Configuration
Validate token
Validate username
Validate list of channels
Results
Read token value
Compare length to 30
Compare to type of string
Results
Read username value
Compare length to 3
Compare to type of string
Validate name is only letters, digits and '_'
Results
VCH
OK Valid token, username, list
FATAL ERROR invalid token &| username &| list
OK Token is a string of 30+ chars.
FATAL ERROR
OK Set bot username
FATAL ERROR
Unable to read token's value
Token is not 30 chars. long
Token is not a string
Unable to read username's value
Username is less then 3 chars. long
Username is not a string


VCH
3
Validate
list of channels
4
Read
channels list value
OK
List content read
sucessfully
FATAL ERROR
All
(unexpected)
5
Compare
length to 0
OK
IS GREATER
ERROR
IS EQUAL
(no channel to join)
FATAL ERROR
6
Unable to read list
fo channels
Others
(unexpected)
Split as list
use " " (space)
as marker
Va


Va
Vb
4
5
6
7
8
9
Validate channels format
Validate all channel starts with #
Validate channels are all letters, digits, _, #
Results
Read channel's name first character
Compare with '#'
Results
OK No invalid characters
FATAL ERROR Invalid chars. found
OK Channels format is valid
FATAL ERROR Others (unexpected)
OK Channels name starts with #
ERROR Channels format is not valid
FATAL ERROR Others (unexpected)
ADD '#' at the beginning of the name
Update record
Results
OK Channel name updated
FATAL ERROR All (unexpected)


Vb
Set
list
Results
OK
IS GREATER
ERROR
Only own channel
to join
FATAL ERROR
Unable to read list
fo channels
Others
(unexpected)
4
5
6