

736-NetLinx Runtime Error Assign Stack Ref Error - Out of Range

Symptoms

Code compiles fine, but when you run it you get the error:

Assign Stack Ref Error - Out of range

You may also see other errors like:

CHeap::Delete - ERROR(2) Attempting to delete invalid block 00AE6024 (Task=tInterpreter)

DoNumberExpression - Error 2 Tk=0x2008

GetNumber - Error 1 Tk=0x0000

Cause

Having a SWITCH/CASE statement inside a WAIT:

```
DEFINE_VARIABLE
```

```
X
```

```
DEFINE_CALL 'Switch Case In A Wait' (X)
```

```
{
```

```
WAIT 20
```

```
{
```

```
X++
```

```
IF (X > 2)
```

```
X = 0
```

```
SWITCH (X)
```

```
{
```

```
CASE 2:
```

```
SEND_STRING 0,FORMAT('SWITCH 2, X = %d',X)
```

```
CASE 1:
```

```
SEND_STRING 0,FORMAT('SWITCH 1, X = %d',X)
```

DEFAULT:

SEND_STRING 0,'DEFAULT'

}

}

}

DEFINE_PROGRAM

CALL 'Switch Case In A Wait' (X)

// end

Resolution

Modify the code so it uses a SELECT/ACTIVE statement instead:

DEFINE_VARIABLE

X

DEFINE_CALL 'Select Active In A Wait' (X)

{

WAIT 20

{

X++

IF (X > 2)

X = 0

SELECT

{

ACTIVE (X = 2):

SEND_STRING 0,FORMAT('SWITCH 2, X = %d',X)

ACTIVE (X = 1):

SEND_STRING 0,FORMAT('SWITCH 1, X = %d',X)

ACTIVE (1):

SEND_STRING 0,'DEFAULT'

}

}

}

DEFINE_PROGRAM

CALL 'Select Active In A Wait' (X)

```
// end
```

About HARMAN Professional Solutions

HARMAN Professional Solutions is the world's largest professional audio, video, lighting, and control products and systems company. Our brands comprise AKG Acoustics®, AMX®, BSS Audio®, Crown International®, dbx Professional®, DigiTech®, JBL Professional®, Lexicon Pro®, Martin®, Soundcraft® and Studer®. These best-in-class products are designed, manufactured and delivered to a variety of customers in markets including tour, cinema and retail as well as corporate, government, education, large venue and hospitality. For scalable, high-impact communication and entertainment systems, HARMAN Professional Solutions is your single point of contact. www.harmanpro.com

