

# Re: referring to increasing VBA variable name in loop

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*Source:*

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- *From:* "Rick Rothstein \ (MVP - VB\)" <[rickNOSPAMnews@xxxxxxxxxxxxxxxxxxxxxx](mailto:rickNOSPAMnews@xxxxxxxxxxxxxxxxxxxxxx)>
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I think you should be using an array for this...

```
Dim Phrase(1 To 30) As String
Phrase(1) = "Hello"
Phrase(2) = "Good-bye"
etc....
.....
For i = 1 To 30
xl.Speech.Speak Phrase(i)
Next
```

Rick

<[ucdcrush@xxxxxxxxxx](mailto:ucdcrush@xxxxxxxxxx)> wrote in message  
[news:780e298b-60ad-4ce0-b575-6d66dfd04efc@xx](mailto:news:780e298b-60ad-4ce0-b575-6d66dfd04efc@xx)

I am using VBA to put together some phrases to be spoken with the text to speech feature in excel.

What I've got is a list of string variables,

```
Phrase1
Phrase2
Phrase3
...
Phrase30
```

which are set equal to different words or phrases such as  
Phrase1 = "Hello"

I can hard-code a variable name into the speech code such as:

```
XL.Speech.Speak Phrase1
```

this will successfully speak the string assigned to Phrase1.

Re: referring to increasing VBA variable name in loop

What I'm having trouble with is referring to the Phrase1–30 variables in a for loop, something like

```
for i = 1 to 30  
xl.speech.speak phrase & i  
next
```

This code doesn't produce any speech, I'm assuming because the variable name isn't being passed as intended. How can I refer to variables within a loop, when the loop # (i) is part of the variable name?

Thanks.