

Re: referring to increasing VBA variable name in loop

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2007-11/msg03727.html>

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I'd use an array:

```
Dim Phrase(1 to 30) as string
phrase(1) = "what you want1"
....
Phrase(30) = "what you want30"
```

Then you could use:

```
Dim iCtr as long
....
for ictr = lbound(phrase) to ubound(phrase)
xl.speech.speak phrase(ictr)
next ictr
```

ucccrush@xxxxxxxxxx wrote:

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
```

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this will successfully speak the string assigned to Phrase1.

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.

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Dave Peterson

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