
Subject: Re: Padding arrays - vector subscripts not working

Posted by [James\[2\]](#) on Wed, 07 Jul 2010 18:20:26 GMT

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The following case-statement method is pretty ugly, but it is good for speed and memory use. I tested your program and it works, but it is slower than the program below because of its L64INDGEN call.

```
type = size(array, /type)
out = make_array(dims, type=type, value=filler)
x = (dims - sz)/2

case numdims of
  1: out[x[0]] = array
  2: out[x[0], x[1]] = array
  3: out[x[0], x[1], x[2]] = array
  4: out[x[0], x[1], x[2], x[3]] = array
  5: out[x[0], x[1], x[2], x[3], x[4]] = array
  6: out[x[0], x[1], x[2], x[3], x[4], x[5]] = array
  7: out[x[0], x[1], x[2], x[3], x[4], x[5], x[6]] = array
  8: out[x[0], x[1], x[2], x[3], x[4], x[5], x[6], x[7]] = array
endcase

return, out
```
