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Subject: indexing arrays with arrays

Posted by [Conor](#) on Tue, 07 Aug 2007 13:39:54 GMT

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It seems to me that a highly useful syntax for IDL would be something like this:

```
res = randomu(seed,10)
start_ind = indgen(5)
end_ind = start_ind + 1
```

```
extract = res[start_ind:end_ind]
```

In this case, I would envision extract being a 10 element array. Namely, it would be the equivalent of:

```
extract = [res[start_ind[0]:end_ind[0]], res[start_ind[1]:end_ind[1]],
res[start_ind[2]:end_ind[2]], etc...]
```

Does anyone else think something like this would be useful? Anyone know how I can bug RSI and request something like this? I couldn't find a "feature request" option, or anything similar, on their site. Anyway, that point aside, can anyone think of a robust way to do this right now? I've been trying to come up with a speedy, robust, for-loop-less way to do this, but haven't come up with anything. Any thoughts would be appreciated.

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