

Arrays with bounds checking#

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\ Arrays with bounds checking
```

```
| : (ARRAYERROR  
  ABORT" Array out of bounds!" ;
```

```
: ARRAY ( size -- )  
  CREATE DUP , 2* ALLOT  
  DOES> ( i -- addr )  
  OVER      0< (ARRAYERROR  
  2DUP @ 1- - 0> (ARRAYERROR  
  SWAP 1+ 2* + ;
```

```
: CARRAY ( size -- )  
  CREATE DUP , ALLOT  
  DOES> ( i -- addr )  
  OVER      0< (ARRAYERROR  
  2DUP @ 1- - 0> (ARRAYERROR  
  + 1+ ;
```