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Subject: Re: Declaring large vectors in IDL  
Posted by [fgg](#) on Mon, 19 Apr 2010 23:57:43 GMT  
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And here's the adapted script in case it helps:

```
filters = ['*.txt', '*.dat', '*.out']
infile = dialog_pickfile(/read, filter=filters)
n = file_lines(infile)
raw_data = strarr(n)
openr, unit, infile, /get_lun
readf, unit, raw_data
close, unit & free_lun, unit
datas = where(stregex(raw_data, '=', /
boolean), ndata, complement=extra_lines)
data = raw_data[datas]
if (ndata lt n_elements(raw_data)) then begin
  extra_assoc = value_locate(datas, extra_lines)
  for i=0L, n_elements(extra_lines)-1 do $
    data[extra_assoc[i]] = strjoin([temporary(data[extra_assoc[i]]), $
    raw_data[extra_lines[i]]], /single)
endif
outfile = dialog_pickfile(/write, default_extension='pro',
filter='*.pro')
openw, outunit, outfile, /get_lun
for i=0, ndata-1 do begin
  line = strsplit(data[i], /extract)
  if (line[0] eq 'i_shot_ctr') then shot = line[2:*]
  if (line[0] eq 'i_rng_wf' and n_elements(line) eq 4002) then $
    for j=0, n_elements(shot)-1 do printf, outunit,
line[0]+'_'+shot[j]+' = ['+strjoin(line[j*200+2:j*200+201], ', ')+']'
; This will not work. Max n_elements should be 251.
  if (line[0] eq 'i_rng_wf' and n_elements(line) eq 10882) then $
    for j=0, n_elements(shot)-1 do printf, outunit,
line[0]+'_'+shot[j]+' = ['+strjoin(line[j*544+2:j*544+545], ', ')+']'
  if (line[0] ne 'i_rng_wf') then printf, outunit,
strjoin(line[0:1], ' ')+ ' ['+ strjoin(line[2:], ', ')+']'
endfor
print, 'End of processing.'
print, 'Type the following at the IDL prompt to display the
variables:'
print, "@'+outfile+'""
close, outunit & free_lun, outunit
end
```

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