
Subject: Re: bug? or how to distinguish between a Hash and an array of Hashes ?
Posted by [markb77](#) on Mon, 04 Mar 2013 16:05:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

surprisingly, the ISA function doesn't help here either...

pro test

```
a = hash('first', 1, 'second', 2)
b = hash('third', 3, 'fourth', 4, 'fifth', 5)

print, 'Output of SIZE() for a HASH variable:'
print, size(a, /STRUCTURE)

c = [a,b]
print, 'Output of SIZE() for an array of HASHes:'
print, size(c, /STRUCTURE)

print, 'Output of ISA(/ARRAY) for scalar hash:'
print, isa(a, /array)

print, 'Output of ISA(/ARRAY) for array of hashes:'
print, isa(c, /array)

help, a, output=ahelp
help, c, output=chelp

print, 'Help for scalar hash:'
print, ahelp

print, 'Help for array of hashes:'
print, chelp
```

end

```
Output of SIZE() for a HASH variable:
{ OBJREF    11    0    0    2
  1     2     0     0     0
  0     0     0     0
}
Output of SIZE() for an array of HASHes:
{ OBJREF    11    0    0    2
  1     2     0     0     0
  0     0     0     0
}
Output of ISA(/ARRAY) for scalar hash:
1
```

Output of ISA(/ARRAY) for array of hashes:

1

Help for scalar hash:

A HASH <ID=154 NELEMENTS=2>

Help for array of hashes:

C OBJREF = Array[2]
