

---

Subject: Re: Problems with Restore

Posted by [Antonio Santiago](#) on Thu, 09 Mar 2006 09:02:49 GMT

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

---

Here is a partial response of your (our) problem, when you restoring the file, both 'self' and 'temp' references are the same, that is the 'self' reference changes.

----- Object code test -----

```
FUNCTION OperatorLanguageMapping::Init
  RETURN, 1
END
```

```
PRO OperatorLanguageMapping::Restore, fileName
print, 'Restoring'
print, 'Before:'
help, self ;; <----- Here is a reference
```

```
  restore, fileName, RESTORED_OBJECTS = temp
print, 'After:'
help, self, temp[0] ;; <----- Here 'self' reference has changed
  self.password = temp[0]->GetPassword()
END
```

```
PRO OperatorLanguageMapping::Save, fileName
  save, self, FILENAME=fileName
END
```

```
PRO OperatorLanguageMapping::SetPassword, pass
  self.password = pass
END
```

```
FUNCTION OperatorLanguageMapping::GetPassword
  RETURN, self.password
END
```

```
PRO OperatorLanguageMapping__define;
  objectClass = { OperatorLanguageMapping, $
    password : " $ ; holds the password
  }
END
```

----- Object code test -----

```

----- Test program -----
PRO optest
  o1 = obj_new("OperatorLanguageMapping")
  o1->SetPassword, '123456'
  o1->Save, '~/o1.sav'

  o1->SetPassword, 'test'

  o1->Restore, '~/o1.sav'

  print, o1->GetPassword()
END
----- Test program -----

```

A possible solution maybe store the 'self' reference into a variable and after restoring the file reassign it:

```

PRO OperatorLanguageMapping::Restore, fileName
print, 'Restoring'
print, 'Before:'
help, self

a=self ;; <--- Store 'self' reference'
self=0 ;; <--- Changue it to a scaler, if not, a=self=temp.
  restore, fileName, RESTORED_OBJECTS = temp
print, 'After:'
help, self, temp[0]

self=a ;; <---- Re-assing the initial reference.
  self.password = temp[0]->GetPassword()
END

```

Bye.

--

```

-----
Antonio Santiago Piñeres
( email: santiago<<at>>grahi.upc.edu )
( www: http://www.grahi.upc.edu/santiago )
( www: http://asantiago.blogspot.org )
-----

```

```

GRAHI - Grup de Recerca Aplicada en Hidrometeorologia
Universitat Politècnica de Catalunya
-----

```