

---

Subject: !para

Posted by [Distrbd21](#) on Wed, 11 Jul 2012 11:47:40 GMT

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

---

I'm trying to get it to work with 4.0, but I don't know exactly what I have done wrong.

The server doesn't crash when I do !para or when I get out of a veh, nothing happens I still die ;p

```
void ObjectHookCall(void *data,GameObject *obj) {
    if (obj->As_SoldierGameObj()) {
        Attach_Script_Once(obj,"Parachute","");
    }
    else if (obj->As_VehicleGameObj()) {
        if (obj->As_PhysicalGameObj() && (Get_Vehicle_Mode(obj) == VEHICLE_TYPE_FLYING)) {
            Attach_Script_Once(obj,"Parachute","");
        }
    }
}
```

```
void Parachute::Created(GameObject *obj) {
    isFalling = false;
    floaterID = 0;
    pchuteID = 0;
    fallin = 0;
    health = Commands->Get_Health(obj);
}
```

```
void Parachute::Damaged(GameObject *obj,GameObject *damager,float damage) {
    if (!damager && isFalling && (damage < 1000)) {
        Commands->Set_Health(obj,health);
        isFalling = false;
    }
    else {
        health = Commands->Get_Health(obj);
    }
}
```

```
void Parachute::Killed(GameObject *obj, GameObject *shooter) {
    if (obj->As_VehicleGameObj()) {
        if (Commands->Get_ID(obj) && obj && obj->As_VehicleGameObj()) {
            VectorClass<GameObject *> *ptr = (VectorClass<GameObject *>*)(obj+0x9AC);
            VectorClass<GameObject *> occupants = (VectorClass<GameObject *>)*ptr;
            int x = occupants.Length();
            for (int i = 0;i < x;i++) {
                if (occupants[i]) {
                    Commands->Send_Custom_Event(occupants[i],occupants[i],4612,0,0);
                }
            }
        }
    }
}
```

```

    }
}
else if (obj->As_SoldierGameObj()) {
    Commands->Enable_Collisions(obj);
    if (Commands->Find_Object(pchuteID)) {
        Commands->Destroy_Object(Commands->Find_Object(pchuteID));
        pchuteID = 0;
    }
    if (Commands->Find_Object(floaterID)) {
        Commands->Destroy_Object(Commands->Find_Object(floaterID));
        floaterID = 0;
    }
    isFalling = false;
}
}

void Parachute::Timer_Expired(GameObject *obj,int number) {
    if (number == 1) {
        newpos = Commands->Get_Position(obj);
        if (newpos.Z < pos.Z) {
            fallin += pos.Z - newpos.Z;
            if (fallin > 10 && !isFalling) {
                isFalling = true;
                GameObject *floater =
Commands->Create_Object("CnC_Beacon_IonCannon",Commands->Get_Position(obj));
                Commands->Set_Model(floater,"null");
                Commands->Set_Facing(floater,Commands->Get_Facing(obj));
                GameObject *pchute =
Commands->Create_Object("Generic_Cinematic",Commands->Get_Position(obj));
                Commands->Set_Model(pchute,"X5D_Parachute");
                Commands->Disable_All_Collisions(pchute);
                Commands->Disable_Physical_Collisions(obj);
                Commands->Attach_To_Object_Bone(obj,floater,"");
                Commands->Attach_To_Object_Bone(pchute,obj,"");
                floaterID = Commands->Get_ID(floater);
                pchuteID = Commands->Get_ID(pchute);
            }
            pos = Commands->Get_Position(obj);
            Commands->Start_Timer(obj, this, 0.1f, 1);
        }
    }
    else {
        Commands->Enable_Collisions(obj);
        if (Commands->Find_Object(pchuteID)) {
            Commands->Destroy_Object(Commands->Find_Object(pchuteID));
            pchuteID = 0;
        }
        if (Commands->Find_Object(floaterID)) {
            Commands->Destroy_Object(Commands->Find_Object(floaterID));

```

```

    floaterID = 0;
}
Commands->Start_Timer(obj, this, 2.0f, 2);
}
}
else if (number == 2) {
    isFalling = false;
}
}
}

void Parachute::Custom(GameObject *obj, int message, int param, GameObject *sender) {
    if (message == CUSTOM_EVENT_VEHICLE_EXITED) {
        Commands->Send_Custom_Event(sender, sender, 4612, 0, 0);
    }
    else if (message == CUSTOM_EVENT_VEHICLE_ENTERED) {
        Commands->Send_Custom_Event(sender, sender, 4613, 0, 0);
    }
    else if (message == 4612) {
        health = Commands->Get_Health(obj);
        fallin = 0;
        pos = Commands->Get_Position(obj);
        Commands->Start_Timer(obj, this, 0.1f, 1);
    }
    else if (message == 4613) {
        isFalling = false;
        if (Commands->Find_Object(pchuteID)) {
            Commands->Destroy_Object(Commands->Find_Object(pchuteID));
            pchuteID = 0;
        }
        if (Commands->Find_Object(floaterID)) {
            Commands->Destroy_Object(Commands->Find_Object(floaterID));
            floaterID = 0;
        }
    }
}
}
}

```

---

Subject: Re: !para  
 Posted by [Ethenal](#) on Wed, 11 Jul 2012 17:06:02 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Christ, that's way more confusing than the last parachute script I saw... do you know how to attach a debugger to server.exe? If you do that, you can probably step through your code and eventually figure out what's not working, but I can't gather a thing from that source.

---

Subject: Re: !para

---

Posted by [Distrbd21](#) on Wed, 11 Jul 2012 17:53:40 GMT

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

---

My test server is hooked to debug, but I'm having problems with it not copying over the scriptrs.dll to the server folder.

The script is suppost to auto deploy your parachute if you exit the veh in mid air, or if your veh is killed mid air, I was also trying to make it work with !para, so I didn't have to have 2 scripts.

Most of it is to get the parachute to be placed in the right facing on your back.

EDIT: My guess is I don't have the As\_ stuff right, as I don't know it all that well.

---

---

Subject: Re: !para

Posted by [iRANian](#) on Wed, 11 Jul 2012 17:55:28 GMT

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

---

Hex' script doesn't require you to type !para, the reason it's not doing anything is because you forgot the scriptregistrant line.

---

---

Subject: Re: !para

Posted by [Distrbd21](#) on Wed, 11 Jul 2012 17:56:43 GMT

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

---

iRANian wrote on Wed, 11 July 2012 12:55Hex' script doesn't require you to type !para, the reason it's not doing anything is because you forgot the scriptregistrant line.

no thats there at the bottum...

```
ScriptRegistrant<Parachute> Parachute_Registrant("Parachute","");
```

---

---

Subject: Re: !para

Posted by [iRANian](#) on Wed, 11 Jul 2012 18:10:27 GMT

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

---

```
if (obj->As_PhysicalGameObj() && (Get_Vehicle_Mode(obj) == VEHICLE_TYPE_FLYING)) {  
  
the As_PhysicalGameObj() call is redundant.
```

---

---

Subject: Re: !para  
Posted by [Xpert](#) on Wed, 11 Jul 2012 20:58:44 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Commands->Is\_A\_Star(obj) instead of (obj->As\_SoldierGameObj())

Funny, I was gonna release a parachute plugin using this script.

Quote:

```
VectorClass<GameObject *> *ptr = (VectorClass<GameObject *>*)(obj+0x9AC);  
VectorClass<GameObject *> occupants = (VectorClass<GameObject *>)*ptr;
```

This will crash in 4.0

---

---

Subject: Re: !para  
Posted by [jonwil](#) on Thu, 12 Jul 2012 02:24:48 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

You need to replace that blob of code (with the 0x9AC thing) with calls to  
->Get\_Occupant\_Count() and ->Get\_Occupant()

---

---

Subject: Re: !para  
Posted by [Distrbd21](#) on Thu, 12 Jul 2012 09:47:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Xpert wrote on Wed, 11 July 2012 15:58  
Commands->Is\_A\_Star(obj) instead of  
(obj->As\_SoldierGameObj())

so like this?

```
void ObjectHookCall(void *data,GameObject *obj) {  
    if (Commands->Is_A_Star(obj)) {  
        Attach_Script_Once(obj,"Parachute","");  
    }  
    else if (obj->As_VehicleGameObj()) {  
        Attach_Script_Once(obj,"Parachute","");  
    }  
}
```

And this one is built into gmgame, and ssgm.

@ Iran so just take it out right?

@ Jonwil, Can you explain a little more?

This is what I did to replace it not sure if it's right or not.

```
void Parachute::Killed(GameObject *obj, GameObject *shooter) {  
    if (obj->As_VehicleGameObj()->Get_Occupant()) {  
        if (obj->As_VehicleGameObj()->Get_Occupant_Count()) {  
        }  
        else if (Commands->Is_A_Star(obj)) {  
            Commands->Enable_Collisions(obj);  
            if (Commands->Find_Object(pchuteID)) {  
                Commands->Destroy_Object(Commands->Find_Object(pchuteID));  
                pchuteID = 0;  
            }  
            if (Commands->Find_Object(floaterID)) {  
                Commands->Destroy_Object(Commands->Find_Object(floaterID));  
                floaterID = 0;  
            }  
            isFalling = false;  
        }  
    }  
}
```

---

---

Subject: Re: !para  
Posted by [Distrbd21](#) on Tue, 17 Jul 2012 13:03:15 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

bump been few days...

---

---

Subject: Re: !para  
Posted by [Ethenal](#) on Tue, 17 Jul 2012 17:13:34 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Did you not compile it with their changes and try again?

---

---

Subject: Re: !para  
Posted by [Gen\\_Blacky](#) on Tue, 17 Jul 2012 18:51:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

You should fix the facing of the parachute and when a player get's killed when falling. I have no use for this I just wanted to test it out. I remember when hex posted this a long time ago. Script should be remade.

## Parachute 4.0 Plugin

### File Attachments

---

1) [Parachute.zip](#), downloaded 171 times

---

---

Subject: Re: !para

Posted by [iRANian](#) on Fri, 20 Jul 2012 17:40:59 GMT

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

---

What's wrong with the parachute facing? I'll release it as a plugin and add an option to have infantry parachutes.

---

---

Subject: Re: !para

Posted by [Gen\\_Blacky](#) on Fri, 20 Jul 2012 17:53:52 GMT

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

---

Last time i looked at it, it looked like the para was facing the player's side.

---

---

Subject: Re: !para

Posted by [Xpert](#) on Fri, 20 Jul 2012 19:09:35 GMT

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

---

jonwil wrote on Wed, 11 July 2012 22:24 You need to replace that blob of code (with the 0x9AC thing) with calls to ->Get\_Occupant\_Count() and ->Get\_Occupant()

```
VectorClass<GameObject *>& occupants = *(VectorClass<GameObject *>)((char*)obj+0x9AC);
```

Gen\_Blacky wrote on Fri, 20 July 2012 13:53 Last time i looked at it, it looked like the para was facing the player's side.

It does I think.

---

---

Subject: Re: !para

Posted by [iRANian](#) on Fri, 20 Jul 2012 20:15:11 GMT

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

---

nope it doesn't, blacky showed me a screenshot of it like an hour ago

---