
Subject: Re: PowerUpGameObj::Grant() and C4GameObj::Detonate()

Posted by [jonwil](#) on Tue, 03 Jul 2012 10:54:06 GMT

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I can confirm that both PowerUpGameObj::Think and PowerUpGameObj::Grant are (or should be baring bugs) 100% identical to the stock functions.

PowerUpGameObj::Grant does something like this:

```
Get_Definition().Grant( obj, this );
```

```
if ( WeaponBag != NULL )
```

```
if ( obj->Get_Weapon_Bag()->Move_Contents( WeaponBag ) )
```

```
Set_State( PowerUpGameObj::STATE_GRANTING );
```

```
if ( State == STATE_GRANTING )
```

```
Send CUSTOM_EVENT_POWERUP_GRANTED to all scripts on the PowerUpGameObj
```

Note that this is the only place in the stock code that I can find that sends
CUSTOM_EVENT_POWERUP_GRANTED
