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Subject: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [Xpert](#) on Mon, 27 Aug 2012 22:30:44 GMT  
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This plugin is the 4.0 version of reborn's original plugin "Defend My Beacon" for the old SSGM, which can be found here  
<http://www.renegadeforums.com/index.php?t=msg&th=36861&start=0&rid=2> 0487

Quote:

### Created by Xpert from Atomix  
### irc.ax-games.net  
### www.ax-games.net

### CREDITS  
Thanks to reborn for original concept

#### ### DESCRIPTION ###

This plugin will make a player say in team chat when they have placed a beacon and will say near what building if it's legit. This concept of the plugin uses the actual client's name with TMSG rather than the old way of a color message that non-script users couldn't see.

- PLAYERNAME: The beacon I deployed is FAKE.
- PLAYERNAME: I deployed a FAKE beacon near the BUILDINGNAME.
- PLAYERNAME: Please help DEFEND my beacon near the BUILDINGNAME!

#### ### CHANGELOG ###

V1 - Release

#### File Attachments

1) [SSGM4.0\\_Wheres\\_My\\_Beacon\\_Plugin.rar](#), downloaded 252 times

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [raven](#) on Mon, 27 Aug 2012 23:45:27 GMT  
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like++;

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [iRANian](#) on Tue, 28 Aug 2012 06:08:50 GMT

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Does it check the distance from a building via checking building meshes or via checking the distance of the controller? If it's the latter if you place a beacon on the strip part of the Airstrip it'll say it's fake.

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [iRANian](#) on Tue, 28 Aug 2012 06:21:00 GMT  
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try using these

```
void      BuildingGameObj::Find_Closest_Poly (const Vector3 &pos, float *distance2);  
int       BuildingGameObj::Building_In_Range(const Vector3 &point, float range); //return 0 for  
no, 1 for yes and 2 for MCT in range
```

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [iRANian](#) on Tue, 28 Aug 2012 06:26:28 GMT  
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Find\_Closest\_Building() will return a NULL pointer on maps without buildings, probably causing the server to crash if you deploy a beacon on it.

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [iRANian](#) on Tue, 28 Aug 2012 06:30:00 GMT  
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Get\_Translated\_Preset\_Name\_Ex() allocates a string on the heap, you're not delete[]'ing that so you're leaking memory.

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [iRANian](#) on Tue, 28 Aug 2012 06:35:16 GMT  
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You should be fine with using the DamageRadius of the beacon explosions + 2.0f. 15+2 for the Ion Cannon's explosion, so a lot less than 30 (if you use the distance from mesh and not building controller)

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [saberhawk](#) on Wed, 29 Aug 2012 08:01:11 GMT

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Building\_In\_Range is significantly less expensive than Find\_Closest\_Poly, so please don't use the latter unless you actually need to know the distance value.

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [Hawk](#) on Sun, 16 Sep 2012 19:08:58 GMT  
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Was just thinking bout this, thank you

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [liquidv2](#) on Mon, 17 Sep 2012 20:52:28 GMT  
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can you rename it Dude Where's My Beacon

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Subject: Re: [SSGM 4.0 Plugin] Where's My Beacon  
Posted by [Jerad2142](#) on Tue, 18 Sep 2012 12:49:53 GMT  
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saberhawk wrote on Wed, 29 August 2012 02:01 Building\_In\_Range is significantly less expensive than Find\_Closest\_Poly, so please don't use the latter unless you actually need to know the distance value.

He could always put it on a separate thread, it's not like the chat message needs to be sent instantly after all, some delay would be acceptable I'm sure.

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