Particle System Tutorials

Creating the particle system.

Particle system may be created using the this example code:

In this code, <code>objectTypeName</code> is common type name for all particle systems. <code>objectName</code> corresponds to .prt particle file with the same name. This file contains particle system library data, which is common among all particle system instances of <code>"fire_cameradrone"</code>. It is internally cached Third parameter is the initial position of the object.

After calling this function and successfully retrieving a non-zero pointer to <code>GameObject</code> instance, it is safe to convert it to <code>obj_ParticleSystem</code>, as we passed it as <code>objectTypeName</code>.

Restarting the particle system.

Particle system may be restarted without having to recreate the particle system object. This can be done like in the following code snippet.

As we can see, Restart call is made. Game time, returned by r3dGetTime(), is supplied as the only argument.

Moving the particle system.

Particle system can be moved using GameObject methods. Consider the following code snippet.

```
obj_ParticleSystem* particleSys = ...;
particleSys->SetPosition( particleSys->GetPosition() + r3dPoint3D(0,1,0) );
```

This code will offset particle system particleSys up 1 meter.