

```
void UpdateEventParameter(  
    FMOD::EventInstance& EventInstance,  
    const std::string& Parameter, float Value)  
{  
    EventInstance->setParameterByName(  
        Parameter.c_str(), Value);  
}  
void UpdateEventRTPC(  
    AkGameObjectID GameObjectId,  
    const std::string& Parameter, float Value)  
{  
    AK::SoundEngine::SetRTPCValue(  
        Parameter.c_str(), Value, GameObjectId);  
}
```

# Game Audio Programming 5

Principles and Practices

Edited by  
**Guy Somberg**



CRC Press  
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# Game Audio Programming Principles And Practices

**Jason Hawreliak**



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Guy Somberg has been programming audio engines for his entire career From humble beginnings writing a low level audio mixer for slot machines he quickly transitioned to writing game audio engines for all manner of games He has written audio engines that shipped AAA games like Hellgate London Bioshock 2 The Sims 4 and Torchlight 3 as well as smaller titles like Minion Master Tales from the Borderlands and Game of Thrones Guy has also given several talks at the Game Developer Conference the Audio Developer Conference and CppCon When he's not programming or writing game audio programming books he can be found at home reading playing video games and playing the flute

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**Beginning Game Audio Programming** Mason McCuskey,2003 This book gives a step by step guide to composing dynamic music and programming 3D sound as well as creating sound effects and music for games

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