# System Requirements



# System Requirements for Carmenta Engine 5.7

### **CARMENTA ENGINE FOR WINDOWS**

# **Operating Systems:**

Windows 7, Windows 8 and Windows 8.1. Both 32-bit and 64-bit versions available.

# Graphics devices:

Using OpenGL rendering requires a device supporting OpenGL 1.1.

The Radar Plot Extension requires OpenGL 1.5.

Using DirectX rendering requires a device supporting DirectX 9.1.

### Language requirements:

.NET API: .NET Framework 4 or later. Java API: Java 7 or later. C++ API: MSVC 10 (2010) or later.

# **Integrated Development Environments:**

Support is provided for Microsoft Visual Studio 2010, 2012 and 2013 (C++ and C#).

Other C++ IDEs that use the Microsoft C++ compiler (MSVC) can also be used.

Java developers can use NetBeans or Eclipse.

# **CARMENTA ENGINE FOR LINUX**

# **Operating Systems:**

Ubuntu 12.04 LTS and 14.04 LTS. Red Hat Enterprise Linux 6 and 7. SUSE Linux Enterprise 11 SP3. Both 32-bit and 64-bit versions available.

#### Graphics device requirements for hardware acceleration:

Using OpenGL rendering requires a device supporting OpenGL 1.1 and GLX 1.3.

The Radar Plot Extension requires OpenGL 1.5.

### Language requirements:

Java API: Java 7 or later. C++ API: GCC 4.3.4 or later.

# **CARMENTA ENGINE FOR ANDROID**

# CPU:

ARMv7 compatible.

# **Operating System:**

Android 2.3.3 or later.