

Gedae Intel SSE3 BSP

Intel Software Requirements

The following Intel software is required to use this BSP:

- Intel C Compiler (version 9.1 or higher)
- Intel Math Kernel Library (MKL) (version 10 or higher)

Installation for Linux x86

1. Download the redhat development environment from Gedae, Inc.
2. Install the redhat development environment
3. Install SSE3 BSP libraries

```
cd <user_directory>
perl $GEDAE/tools/initEMB redhat eredhat_sse3
cd redhat
perl makeGEDAE
```

Setting up the Linux Embedded Configuration File

An example embedded configuration file is available for a Core Duo architecture. From the directory from which you run Gedae copy the sample SSE3 embedded configuration file from the system FGLibraries to your user FGLibraries, making it the default configuration by naming it “embedded_config_default”:

```
cp $GEDAE/FGLibraries/emb_config_files/embedded_config_test_redhat_sse3
FGLibraries/emb_config_files/embedded_config_default
```

Installation for Windows

1. Download the nt development environment from Gedae, Inc.
2. Install the nt development environment
3. Install SSE3 BSP libraries

```
cd <user_directory>
perl %GEDAE%/tools/initEMB nt ent_sse3
cd nt
perl makeGEDAE
```

Setting up the Windows Embedded Configuration File

An example embedded configuration file is available for a Core Duo architecture. From the directory from which you run Gedae copy the sample SSE3 embedded configuration file from the system FGLibraries to your user FGLibraries, making it the default configuration by naming it “embedded_config_default”:

```
cp $GEDAE/FGLibraries/emb_config_files/embedded_config_test_nt_sse3
FGLibraries/emb_config_files/embedded_config_default
```