
compile on linux server

Posted by Txchaser - 2008/04/12 14:07

I am about to install dedicated server. My os is opensuse 10.2 and in reading the server set up doc. I see there are a few required packages, qmake (Qt development tools)

* boost 1.34.1

- boost-thread
- boost-filesystem
- boost-datetime
- boost-program_options

I have just a couple of them and the rest are not in the repositories for my os. I have also done a search on the net to find them and have had no luck. Can you tell me where I can get them from or maybe send them to me, and also let me know if they are in a bigger package,

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Posted by lotodre - 2008/04/13 13:58

Maybe you could use this package:

http://download.opensuse.org/repositories/games:/board/openSUSE_10.3/repodata/repoview/pokerth-server-0-0.6.1-12.47.html

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Posted by Txchaser - 2008/04/18 16:33

I believe I have gotten all of the required packages now and I am trying to install on my server. I have tried to install in 2 different places now and keep having the same thing happen. Below is the output when trying to "make". I am not sure of what I am doing wrong here. If possible could someone walk me through this install I would really like to have this installed and operating a dedicated server of it.

It makes it part way through the make then this happens:

```
/network_engine -lsrc/config -lsrc/core/tinyxml -lsrc/core/libircclient/include -lsrc/core -lmoocs -luics -o
obj/avatarmanager.o src/core/common/avatarmanager.cpp
src/core/common/avatarmanager.cpp:26:32: error: boost/filesystem.hpp: No such file or directory
src/core/common/avatarmanager.cpp:48: error: filesystem is not a namespace-name
src/core/common/avatarmanager.cpp:48: error: expected namespace-name before '}' token
src/core/common/avatarmanager.cpp: In member function 'bool AvatarManager::Init(const std::string&, const std::string&)':
src/core/common/avatarmanager.cpp:68: error: 'path' was not declared in this scope
src/core/common/avatarmanager.cpp:68: error: expected ';' before 'tmpCachePath'
src/core/common/avatarmanager.cpp:69: error: expected ';' before 'tmpDataPath'
src/core/common/avatarmanager.cpp:72: error: 'tmpCachePath' was not declared in this scope
src/core/common/avatarmanager.cpp:76: error: 'tmpDataPath' was not declared in this scope
src/core/common/avatarmanager.cpp:81: error: 'tmpCachePath' was not declared in this scope
src/core/common/avatarmanager.cpp: At global scope:
src/core/common/avatarmanager.cpp:64: warning: unused parameter 'dataDir'
src/core/common/avatarmanager.cpp: In member function 'void AvatarManager::AddSingleAvatar(const std::string&)':
src/core/common/avatarmanager.cpp:96: error: 'path' was not declared in this scope
src/core/common/avatarmanager.cpp:96: error: expected ';' before 'filePath'
src/core/common/avatarmanager.cpp:97: error: 'filePath' was not declared in this scope
src/core/common/avatarmanager.cpp: In static member function 'static boost::shared_ptr
AvatarManager::OpenAvatarFileForChunkRead(const std::string&, unsigned int&, AvatarFileType&)':
src/core/common/avatarmanager.cpp:128: error: 'path' was not declared in this scope
src/core/common/avatarmanager.cpp:128: error: expected ';' before 'filePath'
src/core/common/avatarmanager.cpp:129: error: 'filePath' was not declared in this scope
src/core/common/avatarmanager.cpp:129: error: 'extension' was not declared in this scope
src/core/common/avatarmanager.cpp: In member function 'bool AvatarManager::GetHashForAvatar(const std::string&,
MD5Buf&) const':
src/core/common/avatarmanager.cpp:242: error: 'exists' was not declared in this scope
src/core/common/avatarmanager.cpp: In member function 'bool AvatarManager::StoreAvatarInCache(const MD5Buf&,
```

```
AvatarFileType, const unsigned char*, unsigned int):
src/core/common/avatarmanager.cpp:352: error: âpathâ was not declared in this scope
src/core/common/avatarmanager.cpp:352: error: expected `;' before âtmpPathâ
src/core/common/avatarmanager.cpp:353: error: âtmpPathâ was not declared in this scope
src/core/common/avatarmanager.cpp: In member function âvoid AvatarManager::RemoveOldAvatarCacheEntries():
src/core/common/avatarmanager.cpp:419: error: âpathâ was not declared in this scope
src/core/common/avatarmanager.cpp:419: error: expected `;' before âcachePathâ
src/core/common/avatarmanager.cpp:420: error: âcachePathâ was not declared in this scope
src/core/common/avatarmanager.cpp:437: error: expected `;' before âfilePathâ
src/core/common/avatarmanager.cpp:438: error: âfilePathâ was not declared in this scope
src/core/common/avatarmanager.cpp:444: error: âexistsâ was not declared in this scope
src/core/common/avatarmanager.cpp:447: error: âlast_write_timeâ was not declared in this scope
src/core/common/avatarmanager.cpp:483: error: expected `;' before âtmpPathâ
src/core/common/avatarmanager.cpp:484: error: âtmpPathâ was not declared in this scope
src/core/common/avatarmanager.cpp:496: warning: comparison between signed and unsigned integer expressions
src/core/common/avatarmanager.cpp:501: error: expected `;' before âtmpPathâ
src/core/common/avatarmanager.cpp:502: error: âtmpPathâ was not declared in this scope
src/core/common/avatarmanager.cpp: In member function âbool AvatarManager::InternalReadDirectory(const std::string&,
std::map&):
src/core/common/avatarmanager.cpp:518: error: âpathâ was not declared in this scope
src/core/common/avatarmanager.cpp:518: error: expected `;' before âtmpPathâ
src/core/common/avatarmanager.cpp:520: error: âtmpPathâ was not declared in this scope
src/core/common/avatarmanager.cpp:520: error: âexistsâ was not declared in this scope
src/core/common/avatarmanager.cpp:520: error: âis_directoryâ was not declared in this scope
src/core/common/avatarmanager.cpp:525: error: âdirectory_iteratorâ was not declared in this scope
src/core/common/avatarmanager.cpp:525: error: expected `;' before âiâ
src/core/common/avatarmanager.cpp:526: error: expected `;' before âendâ
src/core/common/avatarmanager.cpp:528: error: âiâ was not declared in this scope
src/core/common/avatarmanager.cpp:528: error: âendâ was not declared in this scope
src/core/common/avatarmanager.cpp:530: error: âis_regularâ was not declared in this scope
src/core/common/avatarmanager.cpp: At global scope:
src/core/common/avatarmanager.cpp:515: warning: unused parameter âdirâ
make: *** Error 1
make: Leaving directory `/pokerth'
make: *** Error 2
```

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Posted by Txchaser - 2008/05/16 17:04

I take it that no one has had any trouble like this?

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Posted by lotodore - 2008/05/16 17:20

As you have quoted, boost 1.34.1 or above is required to build the server. Please have a look at the first error message of your post:

```
src/core/common/avatarmanager.cpp:26:32: error: boost/filesystem.hpp: No such file or directory
```

This tells you that boost filesystem.hpp could not be found. This means one of the following:

1. You do not have boost installed or
2. You have an older version of boost installed or
3. You have boost 1.34.1 / 1.35.0 installed on some place where it cannot be found

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Posted by Txchaser - 2008/05/26 21:18

I have now downloaded and trying to install new version of PokerTH and have now run into another error.

```
In file included from src/core/common/crypthelper.cpp:23:
src/core/openssl_wrapper.h:50:29: error: gnutls/openssl.h: No such file or directory
src/core/common/crypthelper.cpp: In static member function 'static bool CryptHelper::MD5Sum(const std::string&, MD5Buf&)':
src/core/common/crypthelper.cpp:119: error: 'AMD5_CTX' was not declared in this scope
src/core/common/crypthelper.cpp:119: error: expected `;' before 'context'
src/core/common/crypthelper.cpp:122: error: 'context' was not declared in this scope
src/core/common/crypthelper.cpp:122: error: 'AMD5_Init' was not declared in this scope
src/core/common/crypthelper.cpp:124: error: 'AMD5_Update' was not declared in this scope
src/core/common/crypthelper.cpp:125: error: 'AMD5_Final' was not declared in this scope
make: *** Error 1
make: Leaving directory `/srv/www/htdocs/pokerth'
make: *** Error 2
svr1:/srv/www/htdocs/pokerth #
```

any ideas or help much appreciated.

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Posted by doitux - 2008/05/27 07:34

please try installing gnutls-devel.

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