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Subject: Cannot find Eigen module head file  
Posted by [sinpeople](#) on Fri, 10 Dec 2021 15:28:38 GMT  
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Hi Folks,

I downloaded package 15947 and installed eigen from the UppHub

I followed the demo. However, I got this error when I build my project. It is in this picture

Please help me solve this problem. Thank you!

Best Regards  
Daivd

### File Attachments

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1) [eigen.PNG](#), downloaded 635 times

```

#ifndef LocalCtrl_LocalCtrl_h_
#define LocalCtrl_LocalCtrl_h_

#include <CtrlLib/CtrlLib.h>
#include <deque>
#include <Core/Core.h>
#include <Core/Rpc/Rpc.h>
#include <plugin/Eigen/Eigen.h>

#include <MtAlt/MtAlt.h>
#include "PhaseSignal.h"

using namespace Upp;
using namespace std;
using namespace Eigen;

#define LAYOUTFILE <LocalCtrl/LocalCtrl.lay>
#include <CtrlCore/lay.h>

const int nAlgoInterval = 10 000; //Interval to simu
const int nDataInterval = 10 000; //Interval to read
const int nHotDataSize = 500; //Data for Algo
const int nMinSaverCD = 500; //Data size to trigger
const int nLoggerSnap = 30 000; //logger snap time;
const String strSaveFileName = "History.log";
const int MSG_TYPE_NEW_MESSAGE = 35;
const String MSG_SEPARATOR = ",";

//thread GUI (main application thread)
class LocalCtrl : public WithLocalCtrlLayout<ParentCtrl>, public CallbackQueue, public P
{
    typedef LocalCtrl CLASSNAME;
public: //thread GUI
    LocalCtrl(Local_Controller ctrl_rcd, Regional_Controller regional_rcd);
public: //thread Worker
    virtual void OnReplyRead(int nData, int x2, String s) {Request(&LocalCtrl::SaveReadP
    virtual void OnReplyWrite(int nData, int x2, String s) {Request(&LocalCtrl::SaveWrit
    virtual void OnReplyUdpRpcCmd(bool bPassive, String string, String data, String s) {
    virtual void OnReplyTcpRpcCmd(String string, int x2, String s) {Request(&LocalCtrl:

private:
    void ReadSensors() {reader.Request(&Reader::ReadSensors);}
    void WriteCtrl(int nData) {writer.Request(&Writer::WriteCtrl, nData);}
    void UdpRpcCmd(UrrRequest r) {udpRpcCmder.Request(&UdpRpcCmder::UdpRpcCmd, r);}

```

# Eigen demo

Eigen package demo

## eigen\_demo.cpp

```

#include <Core/Core.h>
#include <plugin/Eigen/Eigen.h>

using namespace Upp;

using namespace Eigen;

void NonLinearTests();
void FFTTests();

struct SerialTest {
    MatrixXd m;
    VectorXd v;

```

File	Line	Message (1 error)
LocalCtrl/LocalCtrl.h	8	fatal error: 'plugin/Eigen/Eigen.h' file not found