1. 入口

工程：PLAMain

文件：main.cpp

带参打开工程

1. 将603、951行的“.qgs”换位”.pla”即可通过双击.pla打开pla工程

if ( myProjectFileName.isEmpty() )

{

// check for a .qgs

for ( int i = 0; i < args.size(); i++ )

{

QString arg = QDir::toNativeSeparators( QFileInfo( args[i] ).absoluteFilePath() );

if ( arg.contains( ".qgs" ) )

{

myProjectFileName = arg;

break;

}

}

1. 657行，设置软件的注册和版权信息

QCoreApplication::setOrganizationName( QgsApplication::QGIS\_ORGANIZATION\_NAME );

QCoreApplication::setOrganizationDomain( QgsApplication::QGIS\_ORGANIZATION\_DOMAIN );

QCoreApplication::setApplicationName( QgsApplication::QGIS\_APPLICATION\_NAME );

QCoreApplication::setAttribute( Qt::AA\_DontShowIconsInMenus, false );

1. QT语言用本地语言

QTranslator qgistor( 0 );

QTranslator qttor( 0 );

if ( myTranslationCode != "C" )

{

if ( qgistor.load( QString( "pla\_" ) + myTranslationCode, i18nPath ) )

{

myApp.installTranslator( &qgistor );

}

else

{

qWarning( "loading of qgis translation failed [%s]", QString( "%1/pla\_%2" ).arg( i18nPath ).arg( myTranslationCode ).toLocal8Bit().constData() );

}

/\* Translation file for Qt.

\* The strings from the QMenuBar context section are used by Qt/Mac to shift

\* the About, Preferences and Quit items to the Mac Application menu.

\* These items must be translated identically in both qt\_ and qgis\_ files.

\*/

QString path = QLibraryInfo::location( QLibraryInfo::TranslationsPath );

if ( qttor.load( QString( "qt\_" ) + myTranslationCode, path ) )

{

myApp.installTranslator( &qttor );

}

else

{

qWarning( "loading of qt translation failed [%s]", QString( "%1/qt\_%2" ).arg( QLibraryInfo::location( QLibraryInfo::TranslationsPath ) ).arg( myTranslationCode ).toLocal8Bit().constData() );

}

}

1. PLAApp
2. qgsMapCanvas：

获取和画布有关的信息：当前工具、当前图层等，以及捕捉画布的事件

主要集中于操作视图和设置编辑工具，基本不涉及数据操作

setMapTool（）、