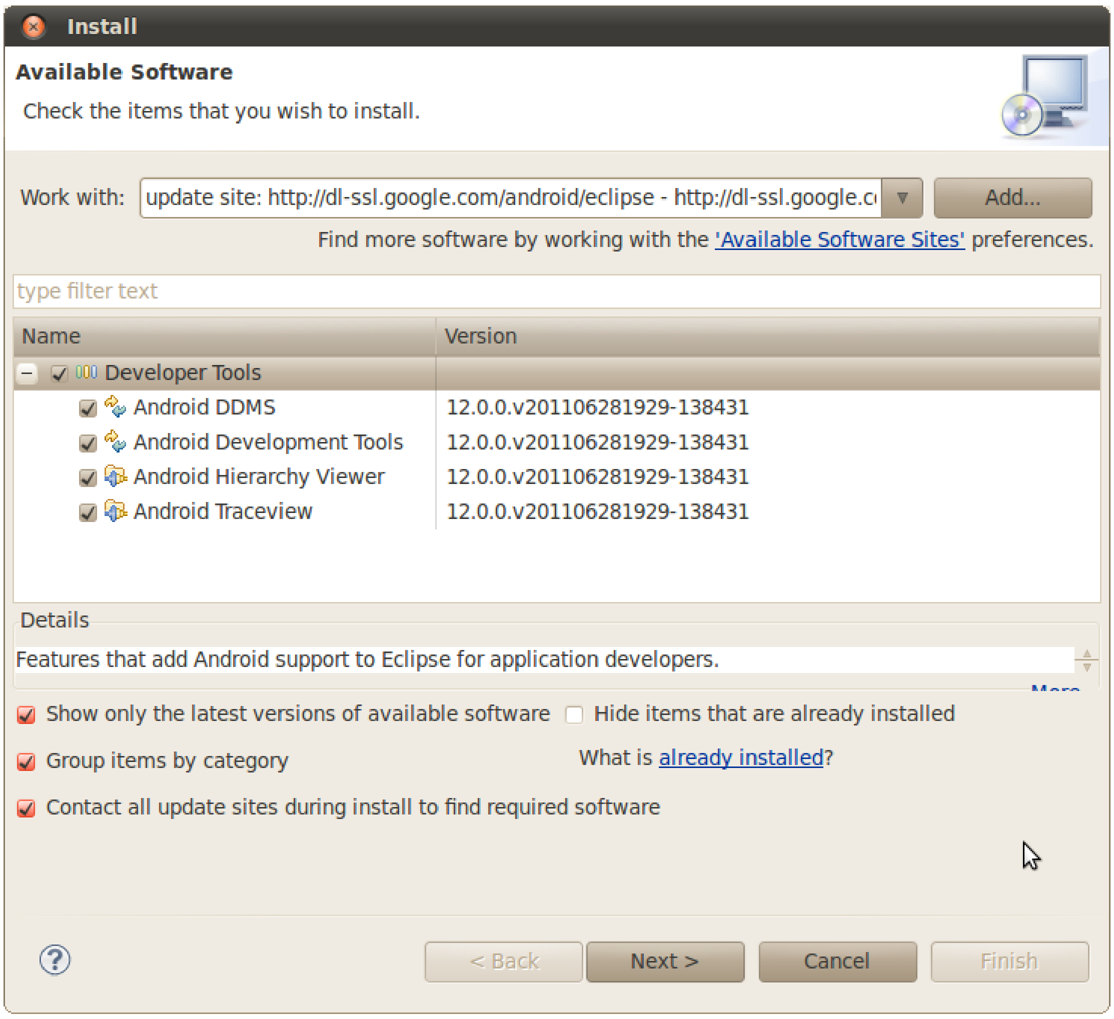
1.Enviroment installations:

First you should install “Android SDK” and “Eclipse”
Then you should install ADT(Android Development Kit) for eclipse, with fllowing steps:

1. open eclipse and clip the menu item “Help”->”Install New Software”
2. type url “http://dl-ssl.google.com/android/eclipse” in editbox just like this:



Install

Available Software

Check the items that you wish to install.

Work with: update site: http://dl-ssl.google.com/android/eclipse - http://dl-ssl.google.c

Find more software by working with the 'Available Software Sites' preferences.

type filter text

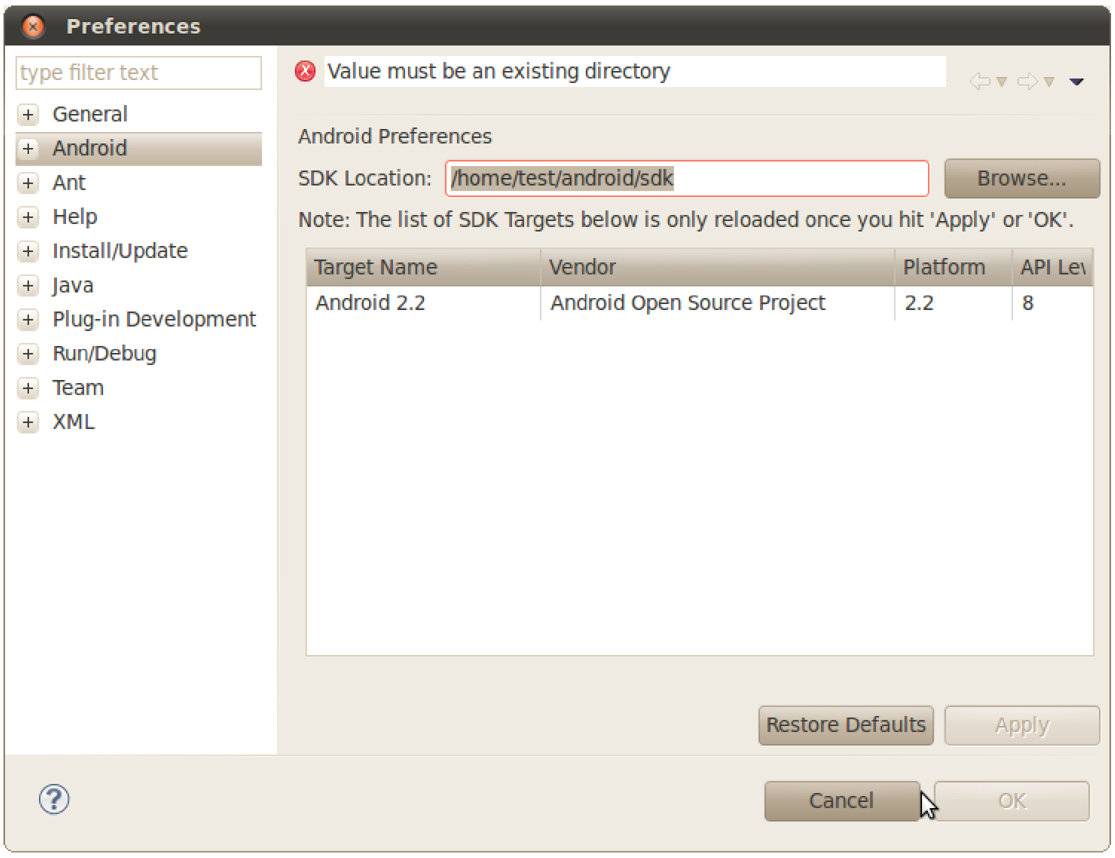
Name	Version
✓ Developer Tools	
✓ Android DDMS	12.0.0.v201106281929-138431
✓ Android Development Tools	12.0.0.v201106281929-138431
✓ Android Hierarchy Viewer	12.0.0.v201106281929-138431
✓ Android Traceview	12.0.0.v201106281929-138431

Details

Features that add Android support to Eclipse for application developers.

[✓] Show only the latest versions of available software
[ ] Hide items that are already installed
[✓] Group items by category
What is already installed?
[✓] Contact all update sites during install to find required software

3. then check all items to download and finish installation.
4. After install ADT, click menu item “Windows”->”Preference”->”Android”, and type installation path of Android SDK to complete config:



Value must be an existing directory

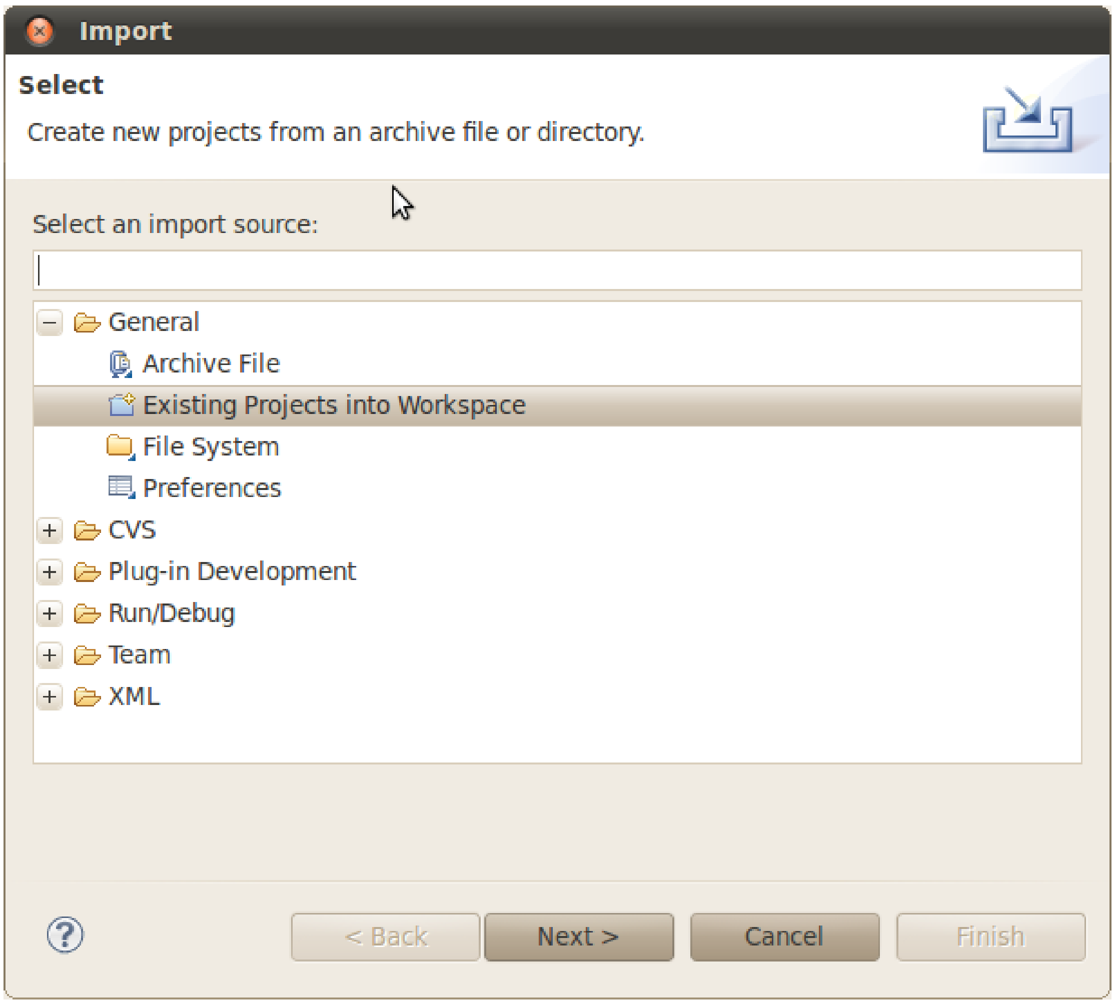
Android Preferences

SDK Location: /home/test/android/sdk

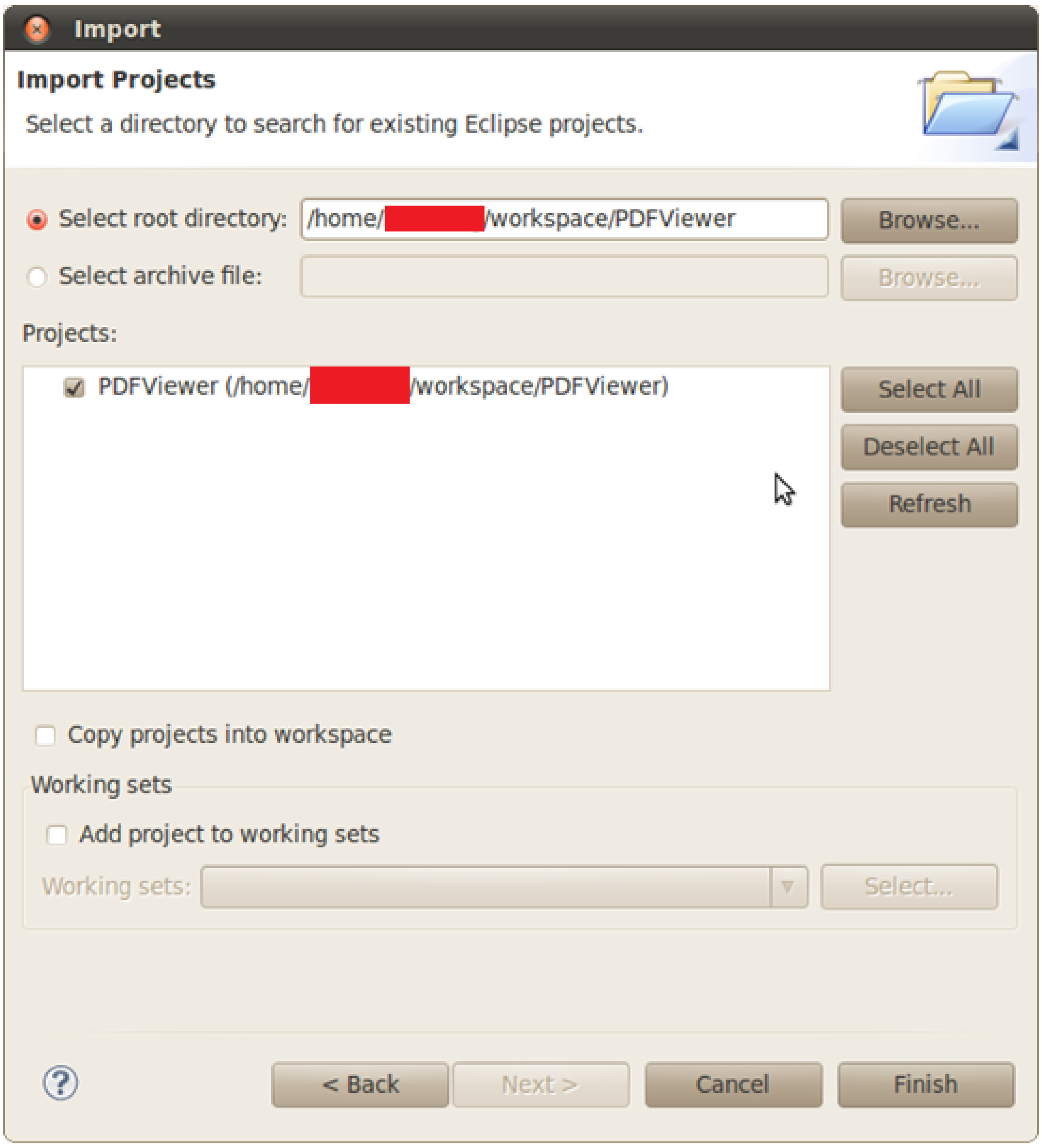
Note: The list of SDK Targets below is only reloaded once you hit 'Apply' or 'OK'.

Target Name	Vendor	Platform	API Lev
Android 2.2	Android Open Source Project	2.2	8

5. Extract PDFViewer project to a dictionary. Then click “File”->”Import” like this:



Click “Next” and type project path, show this dialog:


Import

Import Projects

Select a directory to search for existing Eclipse projects.

(●) Select root directory: /home/[redacted]/workspace/PDFViewer

( ) Select archive file:

Projects:

[✓] PDFViewer (/home/[redacted]/workspace/PDFViewer)

[ ] Copy projects into workspace

Working sets

[ ] Add project to working sets

Working sets:

Then click "Finish" to import the project.

If any errors, please clean the project and then refresh it.

2.Native API Reference

See java doc to get more information about API reference, which placed in "doc" subdir in demo project.

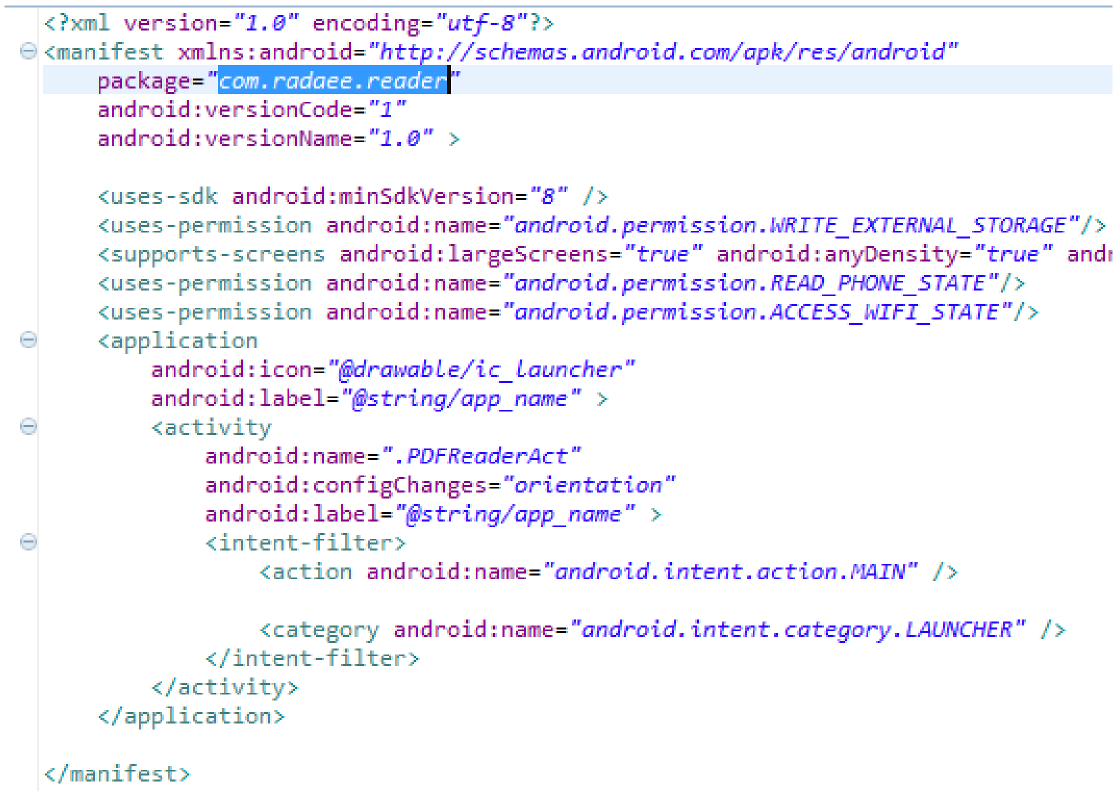
3.Some Question

1. How to apply and active license?

When you purchasing a license, you need input 3 fields, the first field is package name of application, while others are defined by yourself.

Package name must be same as package name defined in “AndroidManifest.xml”

example:



```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.radaee.reader"
    android:versionCode="1"
    android:versionName="1.0" >

    <uses-sdk android:minSdkVersion="8" />
    <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
    <supports-screens android:largeScreens="true" android:anyDensity="true" andr
    <uses-permission android:name="android.permission.READ_PHONE_STATE"/>
    <uses-permission android:name="android.permission.ACCESS_WIFI_STATE"/>
    <application
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name" >
        <activity
            android:name=".PDFReaderAct"
            android:configChanges="orientation"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

Once you purchased a license, you should active license by invoke function Global.activeXXX() in Global.init() like this:

boolean succeeded = activeProfessional(context, "radaee", "radaee_com@yahoo.cn", "Z5A7JV-5WQAJY-9ZOU9E-OQ31K2-FADG6Z-XEBCAO");

if you did not active license, and run your application.

you should see watermarks on each page, and you can't click any annotation on page.

2. right to left text selecting?

Global.selRTOL = true;

Then open document.

3. dark mode support

Global.dark_mode = true;

4. set ink color or ink width?

Global.inkColor = 0xAARRGGBB;

Global.inkWidth = XX;

5. is there any other activity for testing?

Yes, there are 7 activities to testing:

--PDFReaderAct

This is the most complete test activity, this is default setting.

--ReaderActivity

This is the simplest sample for using PDFView classes.

--PDFCropAct

This activity clip page to blocks in size 100*100, and then spell them to whole screen.

--PDFSimpleAct

This is a simplest sample to display page.

--PDFViewerAct

This is PDF Viewer sample, based on C/C++ codes, not same as “pdfex” classes which written by pure java.

And this is a light view class for developer to customize UI.

--PDFInkAct

This is not PDF sample. But testing HWriting class.

--PDFTestAct

Sample for creating PDF Document.

To test these activity, you just need modify “AndroidManifest.xml”

6. how to change view style in demo?

Just set Global.def_view in Global.default_config()

7.how to customize text tool? Highlight/strikeout/underline

set a boolean variable to ture after user click button. when user long clicked page and moving and click up. PDFView will return a callback "PDFViewListener.onSelectEnd"

if you don't want long-pressed, you should invoke:

PDFView.viewSetSel(x1, y1, x2, y2);

x1, y1, x2, y2 are all View coordinates.

this function return callback "PDFViewListener.onSelectEnd" for each invoking.

So, in these functions you can do:

```
private float sel_x;
private float sel_y;
private boolean markup;
public boolean onTouchEvent (MotionEvent event)
{
	if( markup && m_viewer != null )
	{
		switch( event.getActionMasked() )
		{
		case MotionEvent.ACTION_DOWN:
			sel_x = event.getX();
			sel_y = event.getY();
			break;
		case MotionEvent.ACTION_MOVE:
			m_viewer.viewSetSel(sel_x, sel_y, event.getX(), event.getY());
			break;
		case MotionEvent.ACTION_UP:
			m_viewer.annotSetMarkup(0);
```

```
                        markup = false;
                        break;
                    }
                    return true;
                }
                if( m_viewer != null )
                    return m_viewer.viewTouchEvent(event);
                else
                    return true;
        }
        public void onSelectEnd(String text)
        {
                if( markup ) return;
                else ...
        }
```

8.how to customize reader based on PDFView classes?

See ReaderActivity, this shows the simplest Reader based on PDFView classed

If any question, please post issue on forum, we are online!
So good luck!