**MainUI 中MainActivity Test测试用例**

public class MainActivityTest extends ActivityInstrumentationTestCase2<MainActivity> {

private static final String TAG = "=== MainActivityTest";

private MainActivity mActivity;

private SmsManager sManager;

private View mView;

public MainActivityTest() {

super("yuan.activity", MainActivity.class);

}

@Override

public void setUp() throws Exception {

super.setUp();

sManager; = getsManager();

// 启动被测试的Activity

mActivity = getActivity();

mTView = mActivity.findViewById(yuan.activity.R.id.m);

}

public void testCall() {

// 在执行测试之前，确保程序的重要对象已被初始化

assertTrue(mTView != null);

}

@UiThreadTest

public void testsendSMS() {

mView.requestFocus();

mView.performClick();

}

@Suppress

public void testNotCalled() {

Log.i(TAG, "method 'testNotCalled' is called");

}

@Override

public void tearDown() throws Exception {

super.tearDown();

}

}

**FlashLIght 中MainActivity Test测试用例**

public class MainActivityTest extends ActivityInstrumentationTestCase2<MainActivity> {

private static final String TAG = "=== MainActivityTest";

private Instrumentation mInstrument;

privateMainActivity mActivity;

private EditText mUsernameView;

private EditText mPasswordView;

private View mSubmitView;

private View mResetView;

public LoginActivityTest() {

super("yuan.activity", LoginActivity.class);

}

@Override

public void setUp() throws Exception {

super.setUp();

/\*

\* 要向程序发送key事件的话，必须在getActivity之前调用该方法来关闭touch模式

\* 否则key事件会被忽略

\*/

setActivityInitialTouchMode(false);

mInstrument = getInstrumentation();

mActivity = getActivity();

Log.i(TAG, "current activity: " + mActivity.getClass().getName());

mUsernameView = (EditText) mActivity.findViewById(yuan.activity.R.id.username);

mPasswordView = (EditText) mActivity.findViewById(yuan.activity.R.id.password);

mSubmitView = mActivity.findViewById(yuan.activity.R.id.submit);

mResetView = mActivity.findViewById(yuan.activity.R.id.reset);

}

public void testPreConditions() {

assertTrue(mUsernameView != null);

assertTrue(mPasswordView != null);

assertTrue(mSubmitView != null);

assertTrue(mResetView != null);

}

public void testInput() {

input();

assertEquals("yuan", mUsernameView.getText().toString());

assertEquals("1123", mPasswordView.getText().toString());

}

public void testSubmit() {

input();

mInstrument.runOnMainSync(new Runnable() {

public void run() {

mSubmitView.requestFocus();

mSubmitView.performClick();

}

});

}

public void testReset() {

input();

mInstrument.runOnMainSync(new Runnable() {

public void run() {

mResetView.requestFocus();

mResetView.performClick();

}

});

assertEquals("", mUsernameView.getText().toString());

assertEquals("", mPasswordView.getText().toString());

}

@Override

public void tearDown() throws Exception {

super.tearDown();

}

private void input() {

mActivity.runOnUiThread(new Runnable() {

public void run() {

mUsernameView.requestFocus();

}

});

// 因为测试用例运行在单独的线程上，这里最好要

// 同步application，等待其执行完后再运行

mInstrument.waitForIdleSync();

sendKeys(KeyEvent.KEYCODE\_Y, KeyEvent.KEYCODE\_U,

KeyEvent.KEYCODE\_A, KeyEvent.KEYCODE\_N);

// 效果同上面sendKeys之前的代码

mInstrument.runOnMainSync(new Runnable() {

public void run() {

mPasswordView.requestFocus();

}

});

sendKeys(KeyEvent.KEYCODE\_1, KeyEvent.KEYCODE\_1,

KeyEvent.KEYCODE\_2, KeyEvent.KEYCODE\_3);

}

}

**Alarm MainActivity Test测试用例**

public class MainActivityTest extends ActivityUnitTestCase<MainActivity> {

private static final String TAG = "=== MainActivityTest";

private MaineActivity mHomeActivity;

private TextView mLoginContentView;

public MainActivityTest() {

super(MainActivity.class);

}

@Override

public void setUp() throws Exception {

super.setUp();

Intent intent = new Intent();

intent.putExtra(HomeActivity.EXTRA\_USERNAME, "yuan");

intent.putExtra(HomeActivity.EXTRA\_PASSWORD, "1123");

// HomeActivity有extra参数，所以我们需要以intent来启动它

mHomeActivity = launchActivityWithIntent("yuan.activity", HomeActivity.class, intent);

mLoginContentView = (TextView) mHomeActivity.findViewById(yuan.activity.R.id.login\_content);

}

public void testLoginContent() {

assertEquals(LOGIN\_CONTENT, mLoginContentView.getText().toString());

}

@Override

public void tearDown() throws Exception {

super.tearDown();

}

}