

The source code for the EvaluationInjector.java, with an example of how to initialize it

```
import androidx.fragment.app.FragmentActivity;
import androidx.fragment.app.Fragment;
import android.app.Activity;
import android.view.ViewParent;
import android.view.ViewTreeObserver;
import android.app.Application;
import android.graphics.Rect;
import android.os.Bundle;
import android.util.Log;
import android.view.GestureDetector;
import android.view MotionEvent;
import android.view View;
import android.view.ViewGroup;
import android.view.Window;
import android.widget.Button;
import android.widget.EditText;
import android.widget ImageButton;
import android.widget ImageView;
import android.widget TextView;
import androidx.recyclerview.widget.RecyclerView;
import androidx.fragment.app.FragmentManager;
import androidx.drawerlayout.widget DrawerLayout;
import com.google.android.material.navigation.NavigationView;
import java.io.File;
import java.io.FileOutputStream;
import java.io.IOException;
import java.lang.reflect InvocationHandler;
import java.lang.reflect Method;
import java.lang.reflect Proxy;
import java.text.SimpleDateFormat;
import java.util.*;
import android.util.DisplayMetrics;
import android.graphics.Bitmap;
import android.graphics.Canvas;

public class EvaluationInjector {
    private static String sessionId;
    private static File logFile;
    // directory for all screenshots
    private static File screenshotDir;
    // remember which screens we've already captured
    private static final Set<String> seenScreens = new HashSet<>();
    // counter for naming screenshot files
    private static int globalScreenshotCounter = 1;
    private static final Set<FragmentActivity> fragmentListeners = new HashSet<>();
```

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private static int swipeCounter = 1;
private static int tapCounter = 1;

private static final Map<String, TrackedItem> swipedItems = new HashMap<>();
private static Activity currentActivity;
private static final int SWIPE_THRESHOLD = 100;
private static String lastTapItemId = "";
// used to suppress double-tap noise
private static long lastTapTimestamp = 0;
// to track a potential tap vs. a swipe
private static float touchStartX;
private static float touchStartY;
private static boolean isSwipeGesture;
private static boolean skipNextScreenshot = false;
/***
 * Core logging routine for any tap-like event.
 */
private static void logTapEvent(
    String rawItemId,
    String uiElementType,
    String labelContext,
    String pkg,
    String visibleUi,
    int touchX,
    int touchY,
    Rect bbox,
    String zone
) {
    // 1) normalize + dedupe
    long now = System.currentTimeMillis();
    if (rawItemId.equals(lastTapItemId) && now - lastTapTimestamp < 300) {
        return; // too-quick duplicate
    }
    lastTapItemId = rawItemId;
    lastTapTimestamp = now;

    // 2) assign tap ID
    String tapId = "tap_" + (tapCounter++);

    // 3) build + write
    String entry = formatTimestamp() +
        " | TAP_EVENT" +
        " | tap_id: " + tapId +
        " | item_id: " + rawItemId +
        " | ui_element: " + uiElementType +
        " | label_context: " + labelContext +
        " | package: " + pkg +

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// new fields:
" | coords: (" + touchX + "," + touchY + ")" +
" | bbox: (" + bbox.left + "," + bbox.top +
"," + bbox.right + "," + bbox.bottom + ")" +
" | zone: " + zone +
" | visible_ui: " + visibleUi;

writeLog(entry);
}

/** Call once from Application.onCreate() */
public static void init(Application app) {
    sessionId = UUID.randomUUID().toString();
    logFile = new File(app.getFilesDir(), "logfile.txt");
    try (FileOutputStream fos = new FileOutputStream(logFile, false)) {
        fos.write(("New Session Started (" + sessionId + ") ===\n").getBytes());
    } catch (IOException e) {
        Log.e("Logger", "Failed to clear log", e);
    }
    // — setup screenshots folder —
    screenshotDir = new File(app.getFilesDir(), "screenshots");
    if (screenshotDir.exists()) {
        for (File f : screenshotDir.listFiles()) {
            f.delete();
        }
    } else {
        screenshotDir.mkdirs();
    }
    // reset screenshot state
    seenScreens.clear();
    globalScreenshotCounter = 1;

app.registerActivityLifecycleCallbacks(new Application.ActivityLifecycleCallbacks() {
    @Override public void onActivityCreated(Activity a, Bundle s){}
    @Override public void onActivityStarted(Activity a) { hook(a); }
    @Override public void onActivityResumed(Activity a) { hook(a); }
    @Override public void onActivityPaused(Activity a){}
    @Override public void onActivityStopped(Activity a){}
    @Override public void onActivitySaveInstanceState(Activity a, Bundle o){}
    @Override public void onActivityDestroyed(Activity a){}
});

}

/** Replaces the Activity's Window.Callback to intercept taps, and installs swipe detectors. */
private static void hook(Activity activity) {
    currentActivity = activity;
}

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String pkg = activity.getPackageName();

// 1) wrap dispatchTouchEvent via dynamic proxy
Window win = activity.getWindow();
Window.Callback orig = win.getCallback();
Window.Callback proxy = (Window.Callback) Proxy.newProxyInstance(
    Window.Callback.class.getClassLoader(),
    new Class[]{ Window.Callback.class },
    new InvocationHandler() {
        @Override
        public Object invoke(Object proxyObj, Method method, Object[] args)
            throws Throwable {
            String name = method.getName();

            // 1) TAP_EVENT & swipe-vs-tap logic (exactly as before)
            if ("dispatchTouchEvent".equals(name)
                && args != null
                && args.length == 1
                && args[0] instanceof MotionEvent) {
                MotionEvent ev = (MotionEvent) args[0];
                switch (ev.getActionMasked()) {
                    case MotionEvent.ACTION_DOWN:
                        touchStartX = ev.getX();
                        touchStartY = ev.getY();
                        isSwipeGesture = false;
                        break;
                    case MotionEvent.ACTION_MOVE:
                        if (Math.abs(ev.getX() - touchStartX) > SWIPE_THRESHOLD
                            || Math.abs(ev.getY() - touchStartY) > SWIPE_THRESHOLD) {
                            isSwipeGesture = true;
                        }
                        break;
                    case MotionEvent.ACTION_UP:
                        if (!isSwipeGesture) {
                            View decor = activity.getWindow().getDecorView();
                            View tapped = findViewAt(decor,
                                (int)ev.getX(),
                                (int)ev.getY());
                            handleTap(tapped, ev, pkg, activity);
                        }
                        break;
                }
            }
        }

        // 2) Menu-item taps (unchanged)
        if (args != null) {
            for (Object a : args) {
                if (a instanceof android.view.MenuItem) {

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        handleMenuItem((android.view.MenuItem)a, pkg, activity);
        break;
    }
}
}

// 3) Call through to the real Window.Callback
Object result = method.invoke(orig, args);

if ("onWindowFocusChanged".equals(method.getName())
    && args != null
    && args.length == 1
    && args[0] instanceof Boolean){
    boolean hasFocus = (Boolean) args[0];

    if (!hasFocus) {
        // our window lost focus (e.g. permission popup)
        skipNextScreenshot = true;
    } else if (skipNextScreenshot) {
        // it just returned—take one delayed shot
        View decor = activity.getWindow().getDecorView();
        decor.postDelayed(() -> takeScreenshot(activity), 300);
        skipNextScreenshot = false;
    }
}
// 5) Return the original result (only one return!)
return result;
}
}

);

win.setCallback(proxy);

// 2) install swipe detectors recursively on content view children
ViewGroup content = activity.findViewById(android.R.id.content);
attachSwipeListeners(content, pkg, activity);

if (activity instanceof FragmentActivity) {
    FragmentActivity fa = (FragmentActivity) activity;
    // register only once per Activity instance
    if (fragmentListeners.add(fa)) {
        fa.getSupportFragmentManager().registerFragmentLifecycleCallbacks(
            new FragmentManager.FragmentLifecycleCallbacks() {

                @Override
                public void onFragmentResumed(FragmentManager fm, Fragment f) {

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        View fragRoot = f.getView();
        Runnable take = () -> {
            // only fire if the window is focused _and_ we're not in "skipNextScreenshot"
mode
            if (activity.hasWindowFocus() && !skipNextScreenshot) {
                takeScreenshot(activity);
            }
        };
        if (fragRoot != null) {
            fragRoot.postDelayed(take, 500);
        } else {
            activity.getWindow().getDecorView()
                .postDelayed(take, 500);
        }
    }

},
true // listen also to child-fragment events
);
}
}

}

/** Recursively attach swipe detectors to every child view. */
private static void attachSwipeListeners(ViewGroup root, String pkg, Activity act) {
    for (int i = 0; i < root.getChildCount(); i++) {
        View child = root.getChildAt(i);
        GestureDetector sd = createSwipeDetector(child, pkg, act);
        child.setOnTouchListener((v, ev) -> {
            sd.onTouchEvent(ev);
            return false;
        });
        if (child instanceof ViewGroup) {
            attachSwipeListeners((ViewGroup) child, pkg, act);
        }
    }
}

private static GestureDetector createSwipeDetector(View target, String pkg, Activity act) {
    return new GestureDetector(
        target.getContext(),
        new GestureDetector.SimpleOnGestureListener() {
            // holds the exact container you started swiping on
            private View boundsOwner;

            @Override
            public boolean onDown(MotionEvent e) {

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// 1) find the view under your finger
View decor = act.getWindow().getDecorView();
View tapped = findViewAt(decor,
    (int)e.getRawX(),
    (int)e.getRawY());

// 2) climb to its card/container (or stay on the view)
ViewGroup itemContainer = findItemContainer(tapped);
boundsOwner = (itemContainer != null) ? itemContainer : tapped;

return true; // must return true to receive onFling
}

@Override
public boolean onFling(MotionEvent e1, MotionEvent e2, float vx, float vy) {
    float dx = e2.getX() - e1.getX(), dy = e2.getY() - e1.getY();
    String dir = null;
    if (Math.abs(dx) > Math.abs(dy) && Math.abs(dx) > SWIPE_THRESHOLD) {
        dir = dx > 0 ? "right" : "left";
    } else if (Math.abs(dy) > SWIPE_THRESHOLD) {
        dir = dy > 0 ? "down" : "up";
    }
    if (dir == null) return false;
    final String swipeDir = dir;

    View itemView = boundsOwner != null ? boundsOwner : target;
    List<String> parts = new ArrayList<>();
    collectTextsForSwipe(itemView, parts);
    parts.removeIf(String::isEmpty);
    if (parts.isEmpty()) return false;
    if (parts.size() > 3) parts = parts.subList(0, 3);
    String label = String.join(" | ", parts);

    String itemId = generateItemId(label, itemView);
    String ui    = getVisibleScreenName(act);
    String swipId = "swipe_" + (swipeCounter++);

    // immediate log
    TrackedItem ti = new TrackedItem(swipId, label, itemId, ui, pkg);
    swipedItems.put(itemId, ti);
    Rect bbox = new Rect();
    itemView.getGlobalVisibleRect(bbox);
    int touchX = (int) e2.getRawX();
    int touchY = (int) e2.getRawY();

    DisplayMetrics dm = act.getResources().getDisplayMetrics();
    int sw = dm.widthPixels, sh = dm.heightPixels;
    String vert = (touchY < sh/3) ? "TOP"

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        : (touchY > sh*2/3) ? "BOTTOM"
        : "MIDDLE";
    String horz = (touchX < sw/3) ? "LEFT"
        : (touchX > sw*2/3) ? "RIGHT"
        : "CENTER";
    String zone = vert + "_" + horz;

    writeLog(buildSwipeLog(
        ti, swipeDir,
        touchX, touchY, bbox, zone));

    return true;
}

};

}

/** Recursively find the deepest child under (x,y) within this root. */
private static View findViewAt(View root, int x, int y) {
    if (!(root instanceof ViewGroup)) return root;
    ViewGroup g = (ViewGroup) root;
    for (int i = g.getChildCount() - 1; i >= 0; i--) {
        View c = g.getChildAt(i);
        int[] loc = new int[2];
        c.getLocationOnScreen(loc);
        Rect r = new Rect(loc[0], loc[1], loc[0] + c.getWidth(), loc[1] + c.getHeight());
        if (r.contains(x, y)) {
            return findViewAt(c, x, y);
        }
    }
    return root;
}

private static void handleTap(View rawView, MotionEvent ev, String pkg, Activity act) {

    // 2) get the tapped view's own label (for label_context)
    String label = extractDeepLabel(rawView);
    if (label == null || label.trim().isEmpty()) {
        label = findLabelFromParents(rawView);
    }
    if (label == null || label.trim().isEmpty()) {
        label = "Unknown";
    }

    // 3) what screen are we on?
    String visibleUi = getVisibleScreenName(act);
}

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// 4) find the enclosing container (card/row), if any
ViewGroup container = findItemContainer(rawView);

// 5) decide what text to use for item_id
String idKey;
if (container != null
    && (rawView instanceof Button
        || rawView instanceof ImageButton
        || rawView instanceof ImageView)) {
    // a) grab all text parts from the container
    List<String> parts = new ArrayList<>();
    collectDeepLabel(container, parts); // your existing helper

    // b) remove the tapped view's own label via iterator
    Iterator<String> it = parts.iterator();
    while (it.hasNext()) {
        if (it.next().equals(label)) {
            it.remove();
        }
    }
}

// c) if there's still something left, take the first piece
if (!parts.isEmpty()) {
    idKey = parts.get(0);
} else {
    // fallback to the container's full label
    idKey = extractDeepLabel(container);
}
// generate ID off the container's bounds
rawView = container;
}

else if (container != null) {
    // taps elsewhere in a container: old behavior
    idKey = extractDeepLabel(container);
    rawView = container;
}
else {
    // completely outside any container
    idKey = label;
}

if (idKey == null || idKey.trim().isEmpty()) {
    idKey = "Unknown";
}

// 6) build the item_id and ui_element
String itemId = generateItemId(idKey, rawView);

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String uiType = getUiElementType(rawView);
// — compute bounding box & touch coords —
Rect bbox = new Rect();
rawView.getGlobalVisibleRect(bbox);
int touchX = (int) ev.getRawX();
int touchY = (int) ev.getRawY();

// — compute zone tagging —
DisplayMetrics dm = act.getResources().getDisplayMetrics();
int sw = dm.widthPixels, sh = dm.heightPixels;
String vert = (touchY < sh/3) ? "TOP"
    : (touchY > sh*2/3) ? "BOTTOM"
    : "MIDDLE";
String horz = (touchX < sw/3) ? "LEFT"
    : (touchX > sw*2/3) ? "RIGHT"
    : "CENTER";
String zone = vert + "_" + horz;

// 7) log exactly as before
logTapEvent(
    itemId, uiType, label, pkg, visibleUi,
    touchX, touchY, bbox, zone);
}

private static void handleMenuItem(android.view.MenuItem item, String pkg, Activity act) {
    String title = item.getTitle() != null
        ? item.getTitle().toString().trim()
        : String.valueOf(item.getItemId());
    String itemId = "menuitem_" + item.getItemId();
    String visibleUi = getVisibleScreenName(act);
    // for MenuItem taps we don't have real coords or bbox, so use placeholders
    int touchX = -1;
    int touchY = -1;
    Rect bbox = new Rect(-1, -1, -1, -1);
    String zone = "UNKNOWN";

    logTapEvent(
        itemId,      // rawItemId
        "MenuItem", // uiElementType
        title,      // labelContext
        pkg,        // package
        visibleUi,  // visibleUi
        touchX, touchY, // coords
        bbox,       // bounding box
        zone
    );
}

```

```
}
```

```
private static String getUiElementType(View v) {
    if (v instanceof Button)    return "Button";
    if (v instanceof ImageButton) return "ImageButton";
    if (v instanceof EditText)   return "TextField";
    if (v instanceof TextView)   return "Text";
    if (v instanceof ImageView)  return "Image";
    if (v instanceof DrawerLayout) return "Drawer";
    if (v instanceof NavigationView) return "NavigationMenu";
    return v.getClass().getSimpleName();
}

/*----- Helpers for swipe-label extraction, deep-label extraction, container finding, etc. -----
 */

private static String extractSwipeLabel(View view) {
    ViewGroup cg = findReasonableContainer(view);
    if (cg == null) {
        if (view instanceof TextView)
            return ((TextView) view).getText().toString().trim();
        return null;
    }
    List<String> parts = new ArrayList<>();
    collectTextsForSwipe(cg, parts);
    parts.removeIf(String::isEmpty);
    return parts.isEmpty() ? null : String.join(" | ", parts);
}

private static ViewGroup findReasonableContainer(View view) {
    ViewParent p = view.getParent();
    int depth = 0;
    while (p instanceof View && depth++ < 3) {
        if (p instanceof ViewGroup) return (ViewGroup) p;
        p = p.getParent();
    }
    return null;
}

private static void collectTextsForSwipe(View view, List<String> parts) {
    // stop at 3 pieces
    if (parts.size() >= 3) return;

    if (view instanceof TextView && !isActionWord(((TextView) view).getText().toString())) {
        String txt = ((TextView) view).getText().toString().trim();
        if (!txt.isEmpty()) parts.add(txt);
    }
}
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} else if (view instanceof EditText) {
    String hint = ((EditText) view).getHint() != null
        ? ((EditText) view).getHint().toString().trim() : "";
    if (!hint.isEmpty()) parts.add(hint);

} else if (view instanceof ImageView && view.getContentDescription() != null) {
    String d = view.getContentDescription().toString().trim();
    if (!d.isEmpty() && !isActionWord(d)) parts.add(d);
}

if (view instanceof ViewGroup) {
    ViewGroup g = (ViewGroup) view;
    for (int i = 0; i < g.getChildCount(); i++) {
        collectTextsForSwipe(g.getChildAt(i), parts);
        if (parts.size() >= 3) break;
    }
}
}

private static boolean isActionWord(String t) {
    String l = t.toLowerCase(Locale.ROOT);
    return l.equals("restore") || l.equals("undo") || l.equals("add now")
        || l.equals("delete") || l.equals("edit") || l.equals("ok")
        || l.equals("cancel") || l.equals("yes") || l.equals("no")
        || l.equals("retry") || l.equals("done") || l.equals("submit")
        || l.equals("save") || l.equals("send");
}

private static String extractDeepLabel(View view) {
    List<String> parts = new ArrayList<>();
    collectDeepLabel(view, parts);
    parts.removeIf(String::isEmpty);
    return parts.isEmpty() ? null : String.join(" | ", parts);
}

private static void collectDeepLabel(View view, List<String> parts) {
    if (view instanceof TextView) {
        String txt = ((TextView) view).getText().toString().trim();
        if (!txt.isEmpty()) parts.add(txt);
    } else if (view instanceof EditText) {
        String hint = ((EditText) view).getHint() != null
            ? ((EditText) view).getHint().toString().trim()
            : "";
        if (!hint.isEmpty()) parts.add(hint);
    } else if (view.getContentDescription() != null) {
        String d = view.getContentDescription().toString().trim();
        if (!d.isEmpty()) parts.add(d);
    }
}

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if (view instanceof ViewGroup) {
    ViewGroup g = (ViewGroup) view;
    for (int i = 0; i < g.getChildCount(); i++) {
        collectDeepLabel(g.getChildAt(i), parts);
    }
}
}

private static ViewGroup findItemContainer(View view) {
    View current = view;
    for (int depth = 0; depth < 6; depth++) {
        if (!(current instanceof ViewGroup)) break;
        ViewGroup vg = (ViewGroup) current;

        if (isItemContainer(vg)) {
            return vg;
        }

        ViewParent p = vg.getParent();
        if (p instanceof ViewGroup) {
            current = (View) p;
        } else {
            break;
        }
    }
    return null;
}

private static boolean isItemContainer(ViewGroup vg) {
    int count = vg.getChildCount();
    if (count < 2 || count > 6) return false;

    // if every direct child is itself a ViewGroup, it's probably the list container
    boolean allGroups = true;
    for (int i = 0; i < count; i++) {
        if (!(vg.getChildAt(i) instanceof ViewGroup)) {
            allGroups = false;
            break;
        }
    }
    if (!allGroups) return false;

    // ensure it has at least two real text bits (time + name, for example)
    List<String> parts = new ArrayList<>();
    collectTextsForSwipe(vg, parts);
    parts.removeIf(String::isEmpty);
    return parts.size() >= 2;
}

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private static boolean hasMultipleContentChildren(ViewGroup group) {
    List<String> parts = new ArrayList<>();
    collectTextsForSwipe(group, parts);
    return parts.size() >= 2;
}

private static String findLabelFromParents(View view) {
    ViewParent p = view.getParent();
    int lvl = 0;
    while (p instanceof View && lvl++ < 3) {
        if (p instanceof ViewGroup) {
            List<String> lbls = new ArrayList<>();
            collectDeepLabel((View) p, lbls);
            if (!lbls.isEmpty()) return String.join(" | ", lbls);
        }
        p = p.getParent();
    }
    return null;
}

private static Set<String> getVisibleItemIds(View root) {
    Set<String> ids = new HashSet<>();
    if (root instanceof TextView) {
        String lbl = extractSwipeLabel(root);
        if (lbl != null) ids.add(generateItemId(lbl, root));
    } else if (root instanceof ViewGroup) {
        ViewGroup g = (ViewGroup) root;
        for (int i = 0; i < g.getChildCount(); i++) {
            ids.addAll(getVisibleItemIds(g.getChildAt(i)));
        }
    }
    return ids;
}

private static String generateItemId(String label, View view) {
    Rect b = new Rect();
    view.getGlobalVisibleRect(b);
    String norm = label.replaceAll("\\s+", " _").toLowerCase();
    return norm + " _ " + b.left + " _ " + b.top;
}

private static String buildSwipeLog(
    TrackedItem it,
    String dir,
    int touchX,
    int touchY,
    Rect bbox,

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        String zone
    ) {
        return formatTimestamp() +
            " | SWIPE_EVENT" +
            " | swipe_id: " + it.swipeId +
            " | package: " + it.packageName +
            " | direction: " + dir +
            " | swiped_ui_item: " + it.label +
            " | coords: (" + touchX + "," + touchY + ")" +
            " | bbox: (" + bbox.left + "," + bbox.top +
            "," + bbox.right + "," + bbox.bottom + ")" +
            " | zone: " + zone +
            " | visible_ui: " + it.visibleUi;
    }

private static void writeLog(String txt) {
    try (FileOutputStream fos = new FileOutputStream(logFile, true)) {
        fos.write((txt + "\n").getBytes());
    } catch (IOException e) {
        Log.e("Logger", "Error writing log", e);
    }
}

private static String formatTimestamp() {
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss.SSS",
        Locale.getDefault());
    return sdf.format(new Date());
}

// — SCREENSHOT HELPERS —
private static void takeScreenshot(Activity activity) {
    try {
        String visibleUi = getVisibleScreenName(activity);
        // if (!seenScreens.add(visibleUi)) return;

        int count = globalScreenshotCounter++;
        View root = activity.getWindow().getDecorView().getRootView();
        if (root.getWidth() == 0 || root.getHeight() == 0) return;

        Bitmap bmp = Bitmap.createBitmap(root.getWidth(), root.getHeight(),
            Bitmap.Config.ARGB_8888);
        Canvas canvas = new Canvas(bmp);
        root.draw(canvas);

        File out = new File(screenshotDir,
            visibleUi + "-SC" + count + ".png");
        try (FileOutputStream fos = new FileOutputStream(out)) {

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        bmp.compress(Bitmap.CompressFormat.PNG, 100, fos);
    }
    Log.d("Screenshot", "Saved " + out.getName());
} catch (Exception e) {
    Log.e("Screenshot", "failure", e);
}
}

private static String getVisibleScreenName(Activity activity) {
    if (activity instanceof FragmentActivity) {
        FragmentActivity fa = (FragmentActivity) activity;
        for (Fragment f : fa.getSupportFragmentManager().getFragments()) {
            if (f != null && f.isVisible()) {
                // if this *is* a NavHostFragment unwrap it dynamically
                String className = f.getClass().getName();
                if ("androidx.navigation.fragment.NavHostFragment".equals(className)) {
                    try {
                        // getPrimaryNavigationFragment()
                        Fragment child =
                            f.getChildFragmentManager()
                                .getPrimaryNavigationFragment();
                        if (child != null && child.isVisible()) {
                            return child.getClass().getSimpleName();
                        }
                    } catch (Exception ignored) {}
                }
                // otherwise just return the fragment's own name
                return f.getClass().getSimpleName();
            }
        }
    }
    return activity.getClass().getSimpleName();
}

static class TrackedItem {
    String swipId, label, itemId, visibleUi, packageName;
    TrackedItem(String id, String lbl, String item, String vu, String pkg) {
        swipId = id;
        label = lbl;
        itemId = item;
        visibleUi = vu;
        packageName = pkg;
    }
}
}

```

An example of how The EvaluationInjector is initialized within the class that extends the Android Application class:

```
package com.example.to_do_app;

import android.app.Application;

public class MyApp extends Application {

    @Override
    public void onCreate() {
        super.onCreate();
        EvaluationInjector.init(this);

    }
}
```