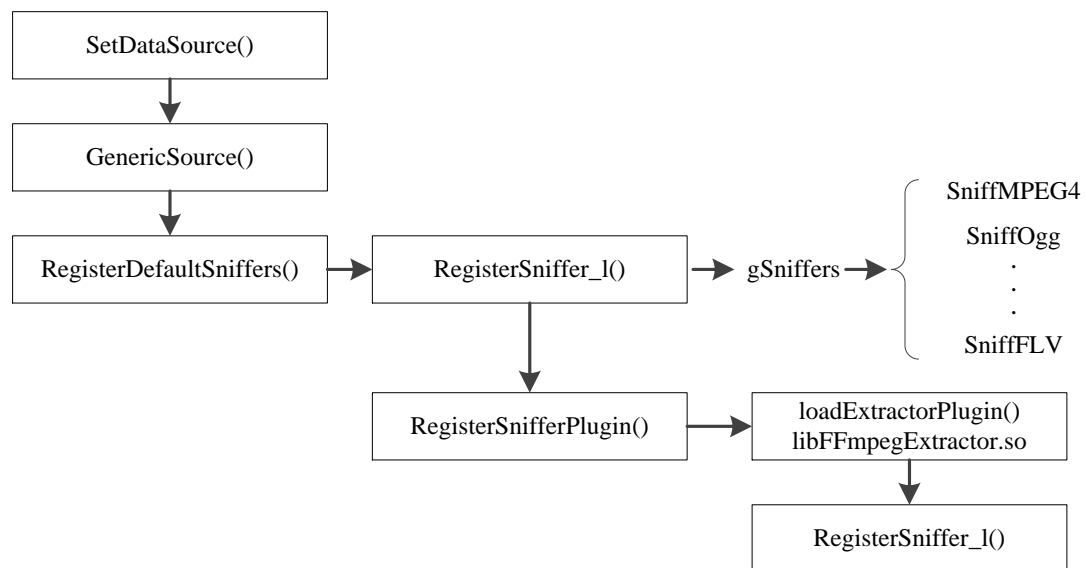


1. How to add the FFmpegExtractor Plugin



```

static void RegisterSnifferPlugin() {
    ALOGV("####xiaoluo RegisterSnifferPlugin %s-->%d", __FILE__, __LINE__);
    static void (*getExtractorPlugin)(MediaExtractor::Plugin *) =
        (void (*)(MediaExtractor::Plugin *))loadExtractorPlugin();

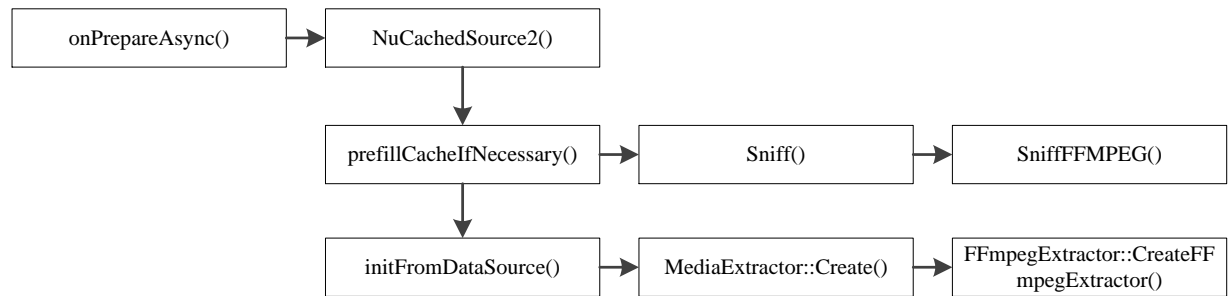
    MediaExtractor::Plugin *plugin = MediaExtractor::getPlugin();
    if (!plugin->sniff && getExtractorPlugin) {
        getExtractorPlugin(plugin);
    }
    if (plugin->sniff) {
        DataSource::RegisterSniffer_l(plugin->sniff);
        gPluginsinff = (void *) (plugin->sniff); //Hisense: libin 20151116 - add for mediaretriever
    }
}

static void *loadExtractorPlugin() {
    void *ret = NULL;
    char lib[PROPERTY_VALUE_MAX];
    if (property_get("media.stagefright.extractor-plugin", lib, "libFFmpegExtractor.so")) {
        ALOGV("####xiaoluo loadSnifferPlugin %s-->%d", __FILE__, __LINE__);
        if (void *extractorLib = dlopen(lib, RTLD_NOW)) { //RTLD_LAZY
            ret = dlsym(extractorLib, "getExtractorPlugin");
            ALOGW_IF(!ret, "Failed to find symbol, dlerror: %s", ::dlerror());
        } else {
            ALOGW("Failed to load %s, dlerror: %s", lib, ::dlerror());
        }
    }
    return ret;
}

```

```
extern "C" void getExtractorPlugin(android::MediaExtractor::Plugin *plugin)
{
    plugin->sniff = android::SniffFFMPEG;
    plugin->create = android::CreateFFmpegExtractor;
}
```

2. How and when to new the FFmpegExtractor



3. What the role of FFmpegExtractor

