# [android文件关联之mime type](http://www.cnblogs.com/wanqieddy/archive/2011/08/08/2131080.html)

在manifest文件里->activity 添加

<intent-filter>

     <action android:name="android.intent.action.VIEW" />

     <category android:name="android.intent.category.DEFAULT" />

     <data android:mimeType="\*/\*">

</intent-filter>

这样就把当前程序注册为 可以打开/查看所有类型的文件. 或者要查看jpeg, mimeType要改为: image/jpeg

当在文件管理器里点击任何文件, 系统都会试图去执行你的程序.

--------------------------------------------分割线----------------------------------------

http://blog.csdn.net/aide1986/archive/2010/04/27/5536530.aspx

一个合法的File Manager在执行Open动作时，应该是发出一个Intent.VIEW Action。所以你的intent-filter应该是这样子的：

[view plaincopy to clipboardprint?](https://www.zxproxy.com/browse.php?u=357b1a5a647d07eQnY4aUx6a2lNbDV3cDJFaFl6NXlxUDl1bkpFeVpHeDRBdjl1cHpBYm5LTXlZbVZqWkdOaVpRRGlad3BpQUdIbUF3SG1aUDV1cDNOPQ%3D%3D&b=6)

1. <intent-filter>
2. <action android:name="android.intent.action.VIEW" />
3. <category android:name="android.intent.category.DEFAULT" />
4. <category android:name="android.intent.category.BROWSABLE" />
5. <data android:scheme="file" />
6. <data android:mimeType="\*/\*" />
7. <data android:host="\*" />
8. <data android:pathPattern=".\*\\.txt" />
9. </intent-filter>
10. <intent-filter>
11. <action android:name="android.intent.action.VIEW" />
12. <category android:name="android.intent.category.DEFAULT" />
13. <category android:name="android.intent.category.BROWSABLE" />
14. <data android:scheme="content" />
15. <data android:host="\*" />
16. <data android:pathPattern=".\*\\.txt" />
17. </intent-filter>

在这当中，data块缺一不可，你必须同时申明android:scheme, android:host, android:pathPattern, 方可令pathPattern正确生效。对于content scheme，将会匹配诸如：content://com.metago.astro.filesystem/sdcard/txt /pg17155.txt 这样的请求，你的Activity将可以有效地打开这样的txt文件。对于file scheme，大致会匹配诸如：file:///sdcard/txt/pg17155.txt这样的请求，并且，如果有必要，你可以加入 android:mimeType限定。

也就是说，尽管Android SDK的层面上，你不可能了解到哪些mime已经注册，一个自定义的mime如何注册，但对于基础系统(linux os layer)来说，内置的mime type还是存在的，这方面你可以参考Intent SDK文档和Notebook SDK Sample获得一鳞半爪的信息。

对于你自己想要关联的文件后缀，则应该使用上面的intent-filter组合来完成关联。  
一旦intent-filter关联完成，在Activity的onCreate，onNewIntent中将可通过：  
Intent intent=getIntent();  
Uri uri=(Uri)intent.getData();  
String path=uri.getPath();   
序列获得关联打开文件的绝对路径。

这样的方法在ASTRO文件管理器中测试通过，并且在另一个测试project中进行了测试和证明机制有效。不过，在Root Explorer，And Explorer中均失败了，原因正在于这几个浏览器并不执行符合Android SDK规范的File Open操作。  
可见，随意性是值得注意的坏招数。

--------------------------------------------分割线----------------------------------------

我们看一下 android 文件的mime类型：

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{".3gp", "video/3gpp"},  
　　{".apk", "application/vnd.android.package-archive"},  
　　{".asf", "video/x-ms-asf"},  
　　{".avi", "video/x-msvideo"},  
　　{".bin", "application/octet-stream"},  
　　{".bmp", "image/bmp"},  
　　{".c", "text/plain"},  
　　{".class", "application/octet-stream"},  
　　{".conf", "text/plain"},  
　　{".cpp", "text/plain"},  
　　{".doc", "application/msword"},  
　　{".exe", "application/octet-stream"},  
　　{".gif", "image/gif"},  
　　{".gtar", "application/x-gtar"},  
　　{".gz", "application/x-gzip"},  
　　{".h", "text/plain"},  
　　{".htm", "text/html"},  
　　{".html", "text/html"},  
　　{".jar", "application/java-archive"},  
　　{".java", "text/plain"},  
　　{".jpeg", "image/jpeg"},  
　　{".jpg", "image/jpeg"},  
　　{".js", "application/x-javascript"},  
　　{".log", "text/plain"},  
　　{".m3u", "audio/x-mpegurl"},  
　　{".m4a", "audio/mp4a-latm"},  
　　{".m4b", "audio/mp4a-latm"},  
　　{".m4p", "audio/mp4a-latm"},  
　　{".m4u", "video/vnd.mpegurl"},  
　　{".m4v", "video/x-m4v"},  
　　{".mov", "video/quicktime"},  
　　{".mp2", "audio/x-mpeg"},  
　　{".mp3", "audio/x-mpeg"},  
　　{".mp4", "video/mp4"},  
　　{".mpc", "application/vnd.mpohun.certificate"},  
　　{".mpe", "video/mpeg"},  
　　{".mpeg", "video/mpeg"},  
　　{".mpg", "video/mpeg"},  
{".mpg4", "video/mp4"},  
　　{".mpga", "audio/mpeg"},  
　　{".msg", "application/vnd.ms-outlook"},  
　　{".ogg", "audio/ogg"},  
　　{".pdf", "application/pdf"},  
　　{".png", "image/png"},  
　　{".pps", "application/vnd.ms-powerpoint"},  
　　{".ppt", "application/vnd.ms-powerpoint"},  
　　{".prop", "text/plain"},  
　　{".rar", "application/x-rar-compressed"},  
　　{".rc", "text/plain"},  
　　{".rmvb", "audio/x-pn-realaudio"},  
　　{".rtf", "application/rtf"},  
　　{".sh", "text/plain"},  
　　{".tar", "application/x-tar"},  
　　{".tgz", "application/x-compressed"},  
　　{".txt", "text/plain"},  
　　{".wav", "audio/x-wav"},  
　　{".wma", "audio/x-ms-wma"},  
　　{".wmv", "audio/x-ms-wmv"},  
　　{".wps", "application/vnd.ms-works"},  
　　//{".xml", "text/xml"},  
　　{".xml", "text/plain"},  
　　{".z", "application/x-compress"},  
　　{".zip", "application/zip"},  
　　{"", "\*/\*"}

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另：

3gp video/3gpp  
　　aab application/x-authoware-bin  
　　aam application/x-authoware-map  
　　aas application/x-authoware-seg  
　　ai application/postscript  
　　aif audio/x-aiff  
　　aifc audio/x-aiff  
　　aiff audio/x-aiff  
　　als audio/X-Alpha5  
　　amc application/x-mpeg  
　　ani application/octet-stream

      apk application/vnd.android.package-archive  
　　asc text/plain  
　　asd application/astound  
　　asf video/x-ms-asf  
　　asn application/astound  
　　asp application/x-asap  
　　asx video/x-ms-asf  
　　au audio/basic  
　　avb application/octet-stream  
　　avi video/x-msvideo  
　　awb audio/amr-wb  
　　bcpio application/x-bcpio  
　　bin application/octet-stream  
　　bld application/bld  
　　bld2 application/bld2  
      bmp image/bmp  
　　bpk application/octet-stream  
　　bz2 application/x-bzip2  
　　cal image/x-cals  
　　ccn application/x-cnc  
　　cco application/x-cocoa  
　　cdf application/x-netcdf  
　　cgi magnus-internal/cgi  
　　chat application/x-chat  
　　class application/octet-stream  
　　clp application/x-msclip  
　　cmx application/x-cmx  
　　co application/x-cult3d-object  
　　cod image/cis-cod  
　　cpio application/x-cpio  
　　cpt application/mac-compactpro  
　　crd application/x-mscardfile  
　　csh application/x-csh  
　　csm chemical/x-csml  
　　csml chemical/x-csml  
　　css text/css  
　　cur application/octet-stream  
　　dcm x-lml/x-evm  
　　dcr application/x-director  
　　dcx image/x-dcx  
　　dhtml text/html  
　　dir application/x-director  
　　dll application/octet-stream  
　　dmg application/octet-stream  
　　dms application/octet-stream  
　　doc application/msword  
　　dot application/x-dot  
　　dvi application/x-dvi  
　　dwf drawing/x-dwf  
　　dwg application/x-autocad  
　　dxf application/x-autocad  
　　dxr application/x-director  
　　ebk application/x-expandedbook  
　　emb chemical/x-embl-dl-nucleotide  
　　embl chemical/x-embl-dl-nucleotide  
　　eps application/postscript  
　　eri image/x-eri  
　　es audio/echospeech  
　　esl audio/echospeech  
　　etc application/x-earthtime  
　　etx text/x-setext  
　　evm x-lml/x-evm  
　　evy application/x-envoy  
　　exe application/octet-stream  
　　fh4 image/x-freehand  
　　fh5 image/x-freehand  
　　fhc image/x-freehand  
　　fif image/fif  
　　fm application/x-maker  
　　fpx image/x-fpx  
　　fvi video/isivideo  
　　gau chemical/x-gaussian-input  
　　gca application/x-gca-compressed  
　　gdb x-lml/x-gdb  
　　gif image/gif  
　　gps application/x-gps  
　　gtar application/x-gtar  
　　gz application/x-gzip  
　　hdf application/x-hdf  
　　hdm text/x-hdml  
　　hdml text/x-hdml  
　　hlp application/winhlp  
　　hqx application/mac-binhex40  
　　htm text/html  
　　html text/html  
　　hts text/html  
　　ice x-conference/x-cooltalk  
　　ico application/octet-stream  
　　ief image/ief  
　　ifm image/gif  
　　ifs image/ifs  
　　imy audio/melody  
　　ins application/x-NET-Install  
　　ips application/x-ipscript  
　　ipx application/x-ipix  
　　it audio/x-mod  
　　itz audio/x-mod  
　　ivr i-world/i-vrml  
　　j2k image/j2k  
　　jad text/vnd.sun.j2me.app-descriptor  
　　jam application/x-jam  
　　jar application/java-archive  
　　jnlp application/x-java-jnlp-file  
　　jpe image/jpeg  
　　jpeg image/jpeg  
　　jpg image/jpeg  
　　jpz image/jpeg  
　　js application/x-javascript  
　　jwc application/jwc  
　　kjx application/x-kjx  
　　lak x-lml/x-lak  
　　latex application/x-latex  
　　lcc application/fastman  
　　lcl application/x-digitalloca  
　　lcr application/x-digitalloca  
　　lgh application/lgh  
　　lha application/octet-stream  
　　lml x-lml/x-lml  
　　lmlpack x-lml/x-lmlpack  
　　lsf video/x-ms-asf  
　　lsx video/x-ms-asf  
　　lzh application/x-lzh  
　　m13 application/x-msmediaview  
　　m14 application/x-msmediaview  
　　m15 audio/x-mod  
　　m3u audio/x-mpegurl  
　　m3url audio/x-mpegurl  
　　ma1 audio/ma1  
　　ma2 audio/ma2  
　　ma3 audio/ma3  
　　ma5 audio/ma5  
　　man application/x-troff-man  
　　map magnus-internal/imagemap  
　　mbd application/mbedlet  
　　mct application/x-mascot  
　　mdb application/x-msaccess  
　　mdz audio/x-mod  
　　me application/x-troff-me  
　　mel text/x-vmel  
　　mi application/x-mif  
　　mid audio/midi  
　　midi audio/midi  
　　mif application/x-mif  
　　mil image/x-cals  
　　mio audio/x-mio  
　　mmf application/x-skt-lbs  
　　mng video/x-mng  
　　mny application/x-msmoney  
　　moc application/x-mocha  
　　mocha application/x-mocha  
　　mod audio/x-mod  
　　mof application/x-yumekara  
　　mol chemical/x-mdl-molfile  
　　mop chemical/x-mopac-input  
　　mov video/quicktime  
　　movie video/x-sgi-movie  
　　mp2 audio/x-mpeg  
　　mp3 audio/x-mpeg  
　　mp4 video/mp4  
　　mpc application/vnd.mpohun.certificate  
　　mpe video/mpeg  
　　mpeg video/mpeg  
　　mpg video/mpeg  
　　mpg4 video/mp4  
　　mpga audio/mpeg  
　　mpn application/vnd.mophun.application  
　　mpp application/vnd.ms-project  
　　mps application/x-mapserver  
　　mrl text/x-mrml  
　　mrm application/x-mrm  
　　ms application/x-troff-ms  
　　mts application/metastream  
　　mtx application/metastream  
　　mtz application/metastream  
　　mzv application/metastream  
　　nar application/zip  
　　nbmp image/nbmp  
　　nc application/x-netcdf  
　　ndb x-lml/x-ndb  
　　ndwn application/ndwn  
　　nif application/x-nif  
　　nmz application/x-scream  
　　nokia-op-logo image/vnd.nok-oplogo-color  
　　npx application/x-netfpx  
　　nsnd audio/nsnd  
　　nva application/x-neva1  
　　oda application/oda  
　　oom application/x-AtlasMate-Plugin  
　　pac audio/x-pac  
　　pae audio/x-epac  
　　pan application/x-pan  
　　pbm image/x-portable-bitmap  
　　pcx image/x-pcx  
　　pda image/x-pda  
　　pdb chemical/x-pdb  
　　pdf application/pdf  
　　pfr application/font-tdpfr  
　　pgm image/x-portable-graymap  
　　pict image/x-pict  
　　pm application/x-perl  
　　pmd application/x-pmd  
　　png image/png  
　　pnm image/x-portable-anymap  
　　pnz image/png  
　　pot application/vnd.ms-powerpoint  
　　ppm image/x-portable-pixmap  
　　pps application/vnd.ms-powerpoint  
　　ppt application/vnd.ms-powerpoint  
　　pqf application/x-cprplayer  
　　pqi application/cprplayer  
　　prc application/x-prc  
　　proxy application/x-ns-proxy-autoconfig  
　　ps application/postscript  
　　ptlk application/listenup  
　　pub application/x-mspublisher  
　　pvx video/x-pv-pvx  
　　qcp audio/vnd.qcelp  
　　qt video/quicktime  
　　qti image/x-quicktime  
　　qtif image/x-quicktime  
　　r3t text/vnd.rn-realtext3d  
　　ra audio/x-pn-realaudio  
　　ram audio/x-pn-realaudio  
　　rar application/x-rar-compressed  
　　ras image/x-cmu-raster  
　　rdf application/rdf+xml  
　　rf image/vnd.rn-realflash  
　　rgb image/x-rgb  
　　rlf application/x-richlink  
　　rm audio/x-pn-realaudio  
　　rmf audio/x-rmf  
　　rmm audio/x-pn-realaudio  
　　rmvb audio/x-pn-realaudio  
　　rnx application/vnd.rn-realplayer  
　　roff application/x-troff  
　　rp image/vnd.rn-realpix  
　　rpm audio/x-pn-realaudio-plugin  
　　rt text/vnd.rn-realtext  
　　rte x-lml/x-gps  
　　rtf application/rtf  
　　rtg application/metastream  
　　rtx text/richtext  
　　rv video/vnd.rn-realvideo  
　　rwc application/x-rogerwilco  
　　s3m audio/x-mod  
　　s3z audio/x-mod  
　　sca application/x-supercard  
　　scd application/x-msschedule  
　　sdf application/e-score  
　　sea application/x-stuffit  
　　sgm text/x-sgml  
　　sgml text/x-sgml  
　　sh application/x-sh  
　　shar application/x-shar  
　　shtml magnus-internal/parsed-html  
　　shw application/presentations  
　　si6 image/si6  
　　si7 image/vnd.stiwap.sis  
　　si9 image/vnd.lgtwap.sis  
　　sis application/vnd.symbian.install  
　　sit application/x-stuffit  
　　skd application/x-Koan  
　　skm application/x-Koan  
　　skp application/x-Koan  
　　skt application/x-Koan  
　　slc application/x-salsa  
　　smd audio/x-smd  
　　smi application/smil  
　　smil application/smil  
　　smp application/studiom  
　　smz audio/x-smd  
　　snd audio/basic  
　　spc text/x-speech  
　　spl application/futuresplash  
　　spr application/x-sprite  
　　sprite application/x-sprite  
　　spt application/x-spt  
　　src application/x-wais-source  
　　stk application/hyperstudio  
　　stm audio/x-mod  
　　sv4cpio application/x-sv4cpio  
　　sv4crc application/x-sv4crc  
　　svf image/vnd  
　　svg image/svg-xml  
　　svh image/svh  
　　svr x-world/x-svr  
　　swf application/x-shockwave-flash  
　　swfl application/x-shockwave-flash  
　　t application/x-troff  
　　tad application/octet-stream  
　　talk text/x-speech  
　　tar application/x-tar  
　　taz application/x-tar  
　　tbp application/x-timbuktu  
　　tbt application/x-timbuktu  
　　tcl application/x-tcl  
　　tex application/x-tex  
　　texi application/x-texinfo  
　　texinfo application/x-texinfo  
　　tgz application/x-tar  
　　thm application/vnd.eri.thm  
　　tif image/tiff  
　　tiff image/tiff  
　　tki application/x-tkined  
　　tkined application/x-tkined  
　　toc application/toc  
　　toy image/toy  
　　tr application/x-troff  
　　trk x-lml/x-gps  
　　trm application/x-msterminal  
　　tsi audio/tsplayer  
　　tsp application/dsptype  
　　tsv text/tab-separated-values  
　　tsv text/tab-separated-values  
　　ttf application/octet-stream  
　　ttz application/t-time  
　　txt text/plain  
　　ult audio/x-mod  
　　ustar application/x-ustar  
　　uu application/x-uuencode  
　　uue application/x-uuencode  
　　vcd application/x-cdlink  
　　vcf text/x-vcard  
　　vdo video/vdo  
　　vib audio/vib  
　　viv video/vivo  
　　vivo video/vivo  
　　vmd application/vocaltec-media-desc  
　　vmf application/vocaltec-media-file  
　　vmi application/x-dreamcast-vms-info  
　　vms application/x-dreamcast-vms  
　　vox audio/voxware  
　　vqe audio/x-twinvq-plugin  
　　vqf audio/x-twinvq  
　　vql audio/x-twinvq  
　　vre x-world/x-vream  
　　vrml x-world/x-vrml  
　　vrt x-world/x-vrt  
　　vrw x-world/x-vream  
　　vts workbook/formulaone  
　　wav audio/x-wav  
　　wax audio/x-ms-wax  
　　wbmp image/vnd.wap.wbmp  
　　web application/vnd.xara  
　　wi image/wavelet  
　　wis application/x-InstallShield  
　　wm video/x-ms-wm  
　　wma audio/x-ms-wma  
　　wmd application/x-ms-wmd  
　　wmf application/x-msmetafile  
　　wml text/vnd.wap.wml  
　　wmlc application/vnd.wap.wmlc  
　　wmls text/vnd.wap.wmlscript  
　　wmlsc application/vnd.wap.wmlscriptc  
　　wmlscript text/vnd.wap.wmlscript  
　　wmv audio/x-ms-wmv  
　　wmx video/x-ms-wmx  
　　wmz application/x-ms-wmz  
　　wpng image/x-up-wpng  
　　wpt x-lml/x-gps  
　　wri application/x-mswrite  
　　wrl x-world/x-vrml  
　　wrz x-world/x-vrml  
　　ws text/vnd.wap.wmlscript  
　　wsc application/vnd.wap.wmlscriptc  
　　wv video/wavelet  
　　wvx video/x-ms-wvx  
　　wxl application/x-wxl  
　　x-gzip application/x-gzip  
　　xar application/vnd.xara  
　　xbm image/x-xbitmap  
　　xdm application/x-xdma  
　　xdma application/x-xdma  
　　xdw application/vnd.fujixerox.docuworks  
　　xht application/xhtml+xml  
　　xhtm application/xhtml+xml  
　　xhtml application/xhtml+xml  
　　xla application/vnd.ms-excel  
　　xlc application/vnd.ms-excel  
　　xll application/x-excel  
　　xlm application/vnd.ms-excel  
　　xls application/vnd.ms-excel  
　　xlt application/vnd.ms-excel  
　　xlw application/vnd.ms-excel  
　　xm audio/x-mod  
　　xml text/xml  
　　xmz audio/x-mod  
　　xpi application/x-xpinstall  
　　xpm image/x-xpixmap  
　　xsit text/xml  
　　xsl text/xml  
　　xul text/xul  
　　xwd image/x-xwindowdump  
　　xyz chemical/x-pdb  
　　yz1 application/x-yz1  
　　z application/x-compress  
　　zac application/x-zaurus-zac  
　　zip application/zip