

A comparison of open source or free GIS software packages

Acknowledgements:

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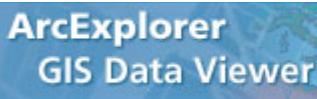


















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COOPERATIVE EXTENSION



Software	Current version	Operating System	Free	Open Source	Free Mobile Version
	2007		Free	---	---
	2.3.2	 	Free	---	---
	5.4		Free	Open	---
	2005		Free	---	---
	1.1	 	Free	Open	Mobile
	4.5		Free	Open	---
 Quantum GIS	0.11.0	  	Free	Open	---
	1.13.1. 370		Free	---	---
	1.1	  	Free	Open	---

Software	Query	Store Extent	Create .shp	Edit .shp	Edit attributes	Hotlink	Join table	GPS import	Add Event Theme
	ADVANCED	YES	YES	YES	YES	YES	YES	With plug-in	YES
	ADVANCED	---	---	---	---	YES, but limited	---	---	YES
	ADVANCED	---	---	---	---	---	---	---	YES
	BASIC	---	YES	YES	YES	YES	YES	---	YES
	ADVANCED	YES	YES	YES	YES	YES	YES	---	YES
	ADVANCED	YES	YES	YES	YES	---	YES, but limited	YES	YES
	ADVANCED	YES	YES	YES	YES	---	---	.gpx & through GPSBabel	YES
	ADVANCED	---	---	---	---	YES	---	.gpx	---
	BASIC	YES	YES	YES	YES	---	---	---	---

Software	Web	Multiple Projection	Vector Processing	Raster Processing	Plug-ins	Georef imagery
 AccuGlobe DESKTOP	WMS	YES	Merge, Spatial Relate	---	Non-GRASS	---
 ArcExplorer GIS Data Viewer Java Edition for Education	ArcIMS, ArcSDE	---	---	---	---	---
 DIVA-GIS	---	---	Spatial Join	Aggregate, Area, Autocorrelation, Calculate, Concentrate, Cut, Disaggregate, Neighborhood, New, Overlay, Reclass, Scalar, Transect	---	YES
 fGIS	---	CAN REPROJECT	Buffer, Clip, Merge	3D Viewing	---	---
 QV SIG	ArcIMS, ArcSDE, PostGIS WCS, WMS, WFS,	YES	Buffer, Clip, Convex Hull, Difference, Dissolve, Intersect, Merge, Reproject, Spatial Join, Union, XY Shift	Types: basic analysis, basic tools, buffer, calculator, costs distances and routes, focal stats, geomorphology, image processing, hydrology, ect.	Non-GRASS	YES
 MapWindow GIS	WMS, WFS, ArcIMS	YES	Buffer, Calculate Area, Clip, Erase, Merge, Project, Reproject	Change Formats, Clip, Create Contours, DEM processing, Project, Reproject, Resample, Watershed Delineation	Non-GRASS	YES
 Quantum GIS	WMS, WFS, PostGIS	YES	Buffer	---	GRASS	YES
 TatukGIS	WMS, ECWP	---	---	---	---	---
 uDig	WMS, WFS, PostGIS, ArcSDE	YES	Buffer, Clip, Intersect	---	GRASS	---

Software																
.tif	.tif	.mdb	.kml	.img	.grd	.gml	.ecw	.e00	.dt0	.dgn	.dem	.ddf	.bt	.asc	.adf	
.tif	.sid	.mdb	---	---	---	---	.ecw	---	---	---	---	---	---	---	---	
.tif	---	---	---	---	---	---	---	---	---	.dgn	---	---	---	---	---	
.tif	.sid	---	---	---	.grd	---	---	---	---	---	---	---	---	---	.adf	
.tif	.sid	---	---	.img	---	---	.ecw	.e00	---	.dgn	.gml	---	---	---	.adf	
.tif	.sid	---	---	.img	---	.gml	.ecw	---	---	.dgn	---	---	---	---	.adf	
.tif	.sid	---	---	.img	.grd	---	.ecw	---	.dt0	---	---	.ddf	.bt	.asc	.adf	
.tif	---	---	---	.img	---	.gml	---	---	.dt0	---	.dem	.ddf	---	.asc	---	
.tif	.sid	.mdb	.kml	.img	.grd	.gml	.ecw	.e00	.dt0	.dgn	.dem	.ddf	.bt	.asc	.adf	
.tif	---	---	---	---	---	.gml	---	---	---	---	---	---	---	---	---	

Software	Chip	OS	RAM	Language
	Intel Centrino™, or Pentium® III, AMD® Athlon	Windows 2000, XP	512 MB (1024 MB)	English
	PC: Pentium® III Mac: any chip	PC: Windows XP Mac: Mac OS 10.2, 10.3, 10.4, 10.5	256 MB	English
	???	Windows	???	English
	???	Windows	???	Czech, French, German, Italian, Polish, Slovak, Spanish, Thai
	PC: Pentium® III Mac: any Intel	PC: Windows 98, XP, Mac: Mac OS 10.4, 10.5 (Intel) Linux: Ubuntu 6.x, Suse 8.2	256 MB (512 MB)	Basque, Chinese, Czech, English, French, Gallegan, German, Italian, Polish, Portugese, Romanian, Spanish, Valencian
	???	Windows 98, ME, 2000, XP, 2003	???	Basque, Catalan, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portugese (Brazil & Portugal), Spanish
	???	Windows Mac: Mac OS 10 Linux	???	Arabic, Czech, Chinese, Danish, Dutch, French, German, Hungarian, Indonesian, Italian, Japanese, Lao, Latvian, Lithuanian, Mongolian, Polish, Portuguese (Brazil), Romanian, Russian, Slovak, Spanish, Swedish, Thai, Turkish, Vietnamese
	???	Windows 95, 98, ME, NT, 2000, XP, 2003, Vista	Same as OS	Chinese, Czech, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Ukrainian
	1 GHz (1.8 GHz)	Windows Mac: Mac OS 10 (Intel, PowerPC) Linux	256 MB (512 MB)	With additional installation: Arabic, Chinese (Traditional & Simplified), Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil & Portugal), Russian, Spanish, Swedish, Turkish

Software	Notes & Comments	Key .tif standard feature .adf added with free download info not confirmed
	http://www.accuglobe.net/	
	http://www.esri.com/software/arcexplorer/index1.html	
	http://www.diva-gis.org/	
	http://www.forestpal.com/fgis.html	
	http://www.gvsig.gva.es/index.php?id=gvsig0&L=2 Advanced raster plug-in (SEXTANTE) is Windows only J9 download: http://www.esnips.com/doc/5277ca5b-79e2-415e-bd2b-667e7d48522d/J9	
	http://www.mapwindow.org/	
 Quantum GIS	http://qgis.org/	
	http://www.tatukgis.com/ Some map files from other GIS software packages can be read, including ArcView 3.x, ArcGIS, ArcExplorer, MapInfo Professional	
	http://udig.refractions.net/	