

Language / Sprache

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Geodata International

(Geodata for Germany you can find at the address http://www.killetsoft.de/p_geod_e.htm)

What are the "Geodata International"?

Geodata International is a world-wide database of countries with georeferenced towns, municipalities, postal codes and administrative units with WGS84 and UTM coordinates and ground level elevations for geocoding, proximity search, navigation and distance calculation.

Often is it necessary, for an address characteristic, e.g. the place name or the postal code, to establish a local relationship - a georeference. The georeference can be used e.g. to show a customer the nearest chain store by doing a proximity search. On the basis of the georeferences business zones, statistics or general maps can be made. Towns, municipalities and postal codes can be assigned to the superordinated administrative units.

Distances between places or postal areas can be determined with the coordinates contained in the database tables. For that the georeferences are available in all country database tables as UTM coordinates on the natural and an uniformly meridian strip and as geographical coordinates in degree and deg/min/sec notation. With the elevation data from a Digital Elevation Model the ground level height of each place can be determined.

The composition contains test data from some countries. The test data represent an extract from the original data base tables.

An exact data description and information for the use of the data base tables you can find in the data specification "descript.pdf".

Geodata of the countries of all continents

Geodata North America

Bermuda (en 110)	Greenland (en 32)	Saint Pierre (fr 3)
Canada-ZIP3 (en 8,400)	Mexico (es 140,000)	USA (en 60,000)

Geodata Central America + Caribbean

Anguilla (en 14)	Dominic. Rep. (es 2,000)	Montserrat (en 24)
Antigua (en 49)	Dominica (en 130)	Nicaragua (es 7,500)
Bahamas (en 260)	El Salvador (es 3,400)	Panama (es 11,000)
Barbados (en 2,600)	Guadeloupe (fr 37)	Puerto Rico (en 2,700)
Belize (en 400)	Guatemala (es 510)	Sint Maarten (nl 8)
Cayman Isl. (en 14)	Haiti (fr 8,300)	TurksCaicos (en 7)
Costa Rica (es 7,700)	Honduras (es 3,000)	US Virgin Isl (en 8)
Cuba (es 3,300)	Jamaica (en 300)	
Curacao (en 66)	Martinique (fr 38)	

Geodata South America

Argentina_ZIP5 (es 20,000)	Ecuador (es 1,100)	Peru (es 97,000)
Bolivia (es 13,000)	Falkland-Isl. (en 2)	Suriname (nl 520)
Brazil-ZIP5 (pt 23,000)	French Guiana (fr 34)	Uruguay (es 800)
Chile (es 37,000)	Guyana (en 500)	Venezuela (es 35,000)
Colombia (es 14,000)	Paraguay (es 8,000)	

Geodata West Europe

Aland (Finl.) (sv 33)	Germany (de 110,000)	Malta (mt 26,000)
Aland (Finl.) (fi 33)	Gibraltar (en 5)	Monaco (fr 120)

Andorra (ca 46)	GrBrit-ZIP4 (en 41,000)	Netherl-ZIP4 (nl 4,000)
Austria (de 19,000)	Greece (en 1,100)	Norway (no 3,100)
Belgium (nl 2,700)	Greece (el 1,100)	Portug-ZIP4 (pt 23,000)
Belgium (fr 2,700)	Guernsey (en 2,400)	San Marino (it 12)
Cyprus (en 1,100)	Iceland (is 120)	Spain (es 37,000)
Cyprus (el 1,100)	Ireland (en 4,100)	Sweden (sv 10,000)
Denmark (da 1,000)	Isle of Man (en 4,200)	Switzerland (fr 5,500)
Faroe (sv 110)	Italy (it 36,000)	Switzerland (it 5,500)
Finland (sv 3,000)	Jersey (en 2,100)	Switzerland (de 5,500)
Finland (fi 3,000)	Liechtenstein (de 17)	Vatican (it 1)
France (fr 38,000)	Luxembourg (fr 4,300)	
 Geodata East Europe		
Albania (sq 3,000)	Hungary (hu 4,000)	Russia (ru 43,000)
Belarus (ru 24,000)	Latvia (lv 7,100)	Russia (en 43,000)
Belarus (en 24,000)	Lithuania (lt 33,000)	Serbia (sr 4,700)
Bosnia/Herc. (bs 660)	Macedonia (en 1,800)	Slovakia (sk 4,200)
Bulgaria (en 5,500)	Macedonia (mk 1,800)	Slovenia (sl 6,000)
Bulgaria (bg 5,500)	Moldova (ro 1,900)	Turkey (tr 74,000)
Croatia (hr 6,700)	Montenegro (sz 1,200)	Ukraine (en 30,000)
Czech Rep. (cs 16,000)	Poland (pl 75,000)	Ukraine (uk 30,000)
Estonia (et 5,600)	Romania (ro 37,000)	
 Geodata Africa		
Algeria (fr 15,000)	Ghana (en 9,500)	Nigeria (en 54,000)
Angola (pt 14,000)	Guinea (en 28,000)	Reunion (fr 96)
Benin (fr 520)	Guinea Bissau (en 5,200)	Rwanda (en 9,600)
Botswana (en 490)	Ivory Coast (fr 6,500)	Senegal (fr 14,000)
Bukina Faso (fr 1,900)	Kenya (en 6,500)	Sierra Leone (en 7,700)
Burundi (fr 8,700)	Liberia (en 13,000)	Somalia (en 9,400)
Cameroon (fr 10,000)	Libya (en 770)	South Africa (en 11,000)
Cape Verde (pt 230)	Madagascar (fr 17,000)	South Sudan (en 4,900)
CentAfr. Rep. (fr 7,600)	Malawi (en 620)	Sudan (en 7,200)
Chad (fr 10,000)	Mali (fr 17,000)	Swaziland (en 81)
Congo DemRep (en 25,000)	Mauritania (en 8,300)	Tanzania (en 15,000)
Egypt (ar 5,600)	Mauritius (en 2,000)	Togo (en 5,100)
Egypt (en 5,600)	Mayotte (fr 73)	Tunisia (fr 4,800)
Eritrea (en 3,800)	Morocco (fr 2,000)	Uganda (en 5,200)
Ethiopia (en 16,000)	Mozambique (pt 9,800)	Zambia (en 11,000)
Frenc South. (fr 14)	Namibia (en 1,800)	Zimbabwe (en 840)
Gabon (en 4,100)	Niger (fr 29,000)	
 Geodata Asia		
Afghanistan (en 36,000)	Japan (ja 110,000)	North Korea (en 720)
Armenia (hy 870)	Japan (kt 110,000)	Pakistan (en 11,000)
Armenia (en 870)	Japan (en 120,000)	Philippines (en 41,000)
Azerbaijan (en 1,600)	Kazakhstan (ru 2,500)	Singapore (en 120,000)
Azerbaijan (az 1,600)	Kazakhstan (en 2,500)	South Korea (en 35,000)
Bangladesch (en 1,300)	Kyrgyzstan (ru 910)	South Korea (ko 35,000)
Bhutan (en 200)	Kyrgyzstan (en 910)	Sri Lanka (en 13,000)
Brunei (en 540)	Laos (en 10,000)	Taiwan (en 7,900)
Cambodia (en 14,000)	Macau (zh 7)	Taiwan (zh 7,900)
China-ZIP4 (en 3,600)	Macau (en 7)	Thailand (th 7,300)
China-ZIP4 (zh 3,600)	Malaysia (en 53,000)	Thailand (en 7,300)
Georgia (en 4,900)	Maldives (en 5,500)	Uzbekistan (en 2,900)
HongKong (en 94)	Mongolia (mn 1,700)	Uzbekistan (ru 2,900)
HongKong (zh 94)	Mongolia (en 1,700)	Vietnam (vi 140,000)
India (en 150,000)	Myanmar (en 31,000)	
Indonesia (en 69,000)	Nepal (en 910)	
 Geodata Austral-Asia + Pacific		
Am. Samoa (en 79)	Guam (en 30)	New Zealand (en 5,700)
Australia (en 15,000)	Kiribati (en 180)	Nieu (NewZl.) (en 13)
Cook Islands (en 15)	Marshall Isl. (en 34)	North Mariana (en 15)
East Timor (en 2,700)	Micronesia (en 74)	Palau Republ. (en 16)
Fiji (en 1,500)	Min.Outl.Isl. (en 11)	Papua N.Guin. (en 310)

French Polyn. (fr 200)	New Caledonia (fr 43)	WallisFutuna (fr 36)
Geodata Middle East		
Bahrain (en 430)	Kuwait (en 720)	Saudi Arabia (ar 15,000)
Iran (en 390)	Kuwait (ar 720)	Saudi Arabia (en 15,000)
Iran (ar 390)	Lebanon (en 2,700)	Syria (ar 5,500)
Iraq (en 10,000)	Lebanon (ar 2,700)	Syria (en 5,500)
Israel-ZIP4 (en 3,800)	Oman (en 6,300)	UnitArabEmi (en 1,000)
Israel-ZIP4 (he 3,800)	Palestine (en 860)	Yemen (en 30,000)
Jordan (en 5,700)	Qatar (ar 780)	Yemen (ar 30,000)
Jordan (ar 5,700)	Qatar (en 780)	
High resolution postcodes		
Argentin_ZIP8 (es 2,1 Mio)	China-ZIP6 (en 490,000)	Netherl-ZIP6 (nl 450,000)
Brazil-ZIP8 (pt 920,000)	GrBrit-ZIP7 (en 1,6 Mio)	Portug-ZIP7 (pt 190,000)
Canada-ZIP6 (en 860,000)	Israel-ZIP7 (he 590,000)	
China-ZIP6 (zh 450,000)	Israel-ZIP7 (en 600,000)	

In parentheses the language varieties and the numbers of data records for each country are listed. Geodata of more countries we offer on request.

Quality of the Geodata of the respective countries

The geodata of the product "Geodata International" are from official sources, they are **not** part of open-source data!

The geodata described here are subject to a continuing quality control. The raw data of the individual countries as basis for "Geodata International" are recorded from there residents authorities, institutions and suppliers. As result the quality of the raw data depends on the infrastructure and the possibilities inside the respective countries. Geodata of the industrial nations exhibit therefore normally a higher quality than those of the developing countries. The geodata are prepared, computed and standardized from these raw data with best knowledge by specialized experts. We have to emphasize expressly that from the raw data resulting deviations or error of a small extent can not excluded in any case and cannot be criticized.

Detailed information, hints to the use of the geo references and the formulas for distance calculation can be found in the provided data specification.

Download file and CD-ROM

You get "Geodata International" either as download file from the Internet or in a directory of the supplied CD-ROM.

The download file is present as ZIP file. First it must be unpacked with a decompressing program such as PKUNZIP, WinZIP or WinRAR on the hard disk. You can download PKUNZIP free of charge from our Internet site.

If you got a CD-ROM, copy all files and directories from the "Geodata International" directory of the CD-ROM to a directory of the hard disk. Pay attention to remove the read only attributes from the copied files, please.

The data base tables of the countries of "Geodata International" are in a subdirectory **\daten**.

Detailed data descriptions in different languages are located in the subdirectory **\doku**.

Conversion to the necessary data format

The database tables are present in the file format CSV (Comma Separated Values). The character set used is UTF8. This format is used often and in most cases you can import data directly into your own data system.

The freeware program **CONVERT**, downloadable from the site http://www.killetsoft.de/p_cona_e.htm, converts the available database tables into other data formats and character sets with the necessary sortings and selections. With the program for example CSV data can be converted into the SDF format (Simple Document Format) or into the dBase format. For the use of the data on different platforms it is possible to select between the character sets ASCII, ANSI, UTF8 and UniCode. Thus the import of the data in any database management system or file system will be possible.

For the import in MySQL or SQL data bases the necessary "CREATE TABLE" script can be generated. Further the selection of the data on data fields and data records is possible. In addition the data can be sorted on base of the data fields. Data from several files can be joined to a common file.

Please contact us, if you need the data in another format, sort sequence or in another coordinate system.

Acquisition of a license and right of use of the data base tables

The license models described here require only a unique payment. No additional payments are raised as a function of the number of installations or on the service life of the license. The service life is unlimited.

The data of the presented country data base tables can be used as data volumes of computer programs and Internet sites (applications) and can be passed in the context of the application to customers. The data are licensed for different types of use:

A **single data base table license** entitles the license holder to use the data base table with a single software application licensed to the data base tables license holder. The software application that comes with the data base table can be passed to any number of customers **or** it can be installed as a single application on the Internet Server of the license holder or the server of the license holder's Internet service provider.

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When passing of a licensed data base to customers in connection with an application you must make difficult the unauthorized use of the object data by suitable remedial actions (coding, binary data format, e. c.). With Internet applications only results, which were computed with the data, may be made accessible for the Internet user.

All data in the different database tables of "Geodata International" has been compiled with great care. KilletSoft makes no warranty or liability for the accuracy, timeliness and completeness of the information contained in the data tables and is not liable in any way for their use.

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