

ZIPCENTER

Current Version: 1.8

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Release History

September 26, 2007: Version 1.8
March 21, 2007: Version 1.7.2
June 26, 2002: Version 1.7

Important Compatibility and Upgrade Information

*** Important Registration Information ***

If you have ZipCenter prior to v1.8, you will need to obtain a new registration number to use the ZipCenter 1.8 release. If your subscription is current, you can obtain a new registration number free of charge. If you upgrade your subscription, you will receive a new ZipCenter 1.8 registration number free of charge.

Please contact our sales department (sales@asgsoft.com) or 714.375.4252 to obtain your new registration number.

Introduction

ZipCenter adds 5-digit ZIP Code data and utilities to any 4D or 4D Server database. ZipCenter is really three products in one, and includes:

ZipCenter Quick Lookups

Plug-in commands and a special file for lightning fast ZIP Code lookups.

ZipCenter Area Searches

Plug-in commands that perform area searches.

ZIP Code Basic Data Subscription

A 5-digit ZIP Code file in both ZipCenter and ASCII-file formats. The text file may be imported into any system for any purpose. Includes fields for ZIP Code, Latitude, Longitude, City and State. See "Zip Center Lookup File Contents"

ZIP Code Enhanced Data Subscription

A 5-digit ZIP Code file in both ZipCenter and ASCII-text file formats. The text file may be imported into any system for any purpose. In addition to the fields included with the Basic data file, the Enhanced data file includes:

- In the ZipCenter file: fields for County, County and State FIPS Code, Area Code and whether or not secondary city names are approved.

- In the ASCII-text file: fields for County, City FIPS, County FIPS, State FIPS, Area Code, MSA Code, Time Zone, whether Daylight Savings is observed, and whether or not secondary city names are approved.

Version Change History

The following items have been changed in ZipCenter. Please make sure you read this information as it contains information about routine changes which may affect your application.

September 26, 2007 - Version 1.8

4D 2004 / 4D v11 Native Support (Universal Binary)

ZipCenter is now available in .bundle (4D 2004) and is also Universal Binary (4D v11)

Q407 Data Release

Released Q407 Data (Basic and Enhanced). All current customers can upgrade to the current data free of charge. If your subscription has expired, you can renew on our website (subscriptions are renewed annually).

- ##,### new zip codes added

New States File

ZipCenter now includes a states file which contains a disk based file of all unique States (Abbreviation and Fullname). You can use the routine **ZC_BuildStates** to build an array of state abbreviations and state names.

March 21, 2007 - Version 1.7.2

Q207 Data Release

Released Q207 Data (Basic and Enhanced) All current customers can upgrade to the current data free of charge. If your subscription has expired, you can renew on our website.

Corrected ZC_SetStructure Issue - Returning -86

Corrected an issue which would cause ZC_SetStructure to return an INVALID_FIELD error (-86) when using a ZipCode field greater than 5 digits. The routine will now work correctly regardless of the Alpha length of the ZipCode field.

Latitude / Longitude Lookup Correction

ZipCenter 1.7.2 addresses an issue which was causing incorrect results when performing latitude / longitude lookups using ZC_Lookup routine with Basic or Enhanced disk files (.zdt files). The problem did not occur when using local 4D based lookups.

New Routines

The following routines have been added to the ZipCenter package (these routines are contained in the ZipCenter Library)

`ZC_BuildStates(statePath:S;->stateAbbr:ptrf;stateName:ptrf) -> result:L`

ZC_BuildStates will build an array of state abbreviations and state names. When executing this routine, it is recommended that you place the states.txt file in the same directory as the basic or enhanced file. You are only required to supply the statePath and stateAbbreviation parameters, the stateName parameter is optional.

statePath - pathname to the full state file. Passing a null string ("") will locate the states.txt file in the Mac4dx or Win4dx directory

stateAbbr - pointer to the array which will receive the state abbreviation list

stateName (optional) - pointer to the array which will receive the state name list

-> *result* - returns one of the following result values

0 - no errors
-43 - unable to locate state file

Example:

The following example will build arrays of state abbreviations and state names

```
ARRAY TEXT(atStateAbbr;0)
ARRAY TEXT(atStateName;0)
$ret:=ZC_BuildStates("",->atStateAbbr;->atStateName)
```

Contacting Automated Solutions Group

For more information regarding ZipCenter or any other Automated Solutions Group product, please contact the sales office in your area.

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