

## EdulogNT PSTSTU (Using Zip codes in Mapzone fields)

### WHY USE ZIP CODES IN THE MAPZONE FIELD?

To resolve problems with duplicate street names that have the same addressing in the geocode which can cause unmatched students during an upstu. **Example: There are three Main Streets:**

**Town A, Main St. 100 – 152    Town B, Main St. 125 – 275    Town C, Main St. 600 - 900**

**NOTE: Every street with this name must be renamed to include a zip code. If you rename Town A and Town B to include a zip code, then Town C must also be renamed to include a zip code even though it doesn't overlap with the others.** This will then match a student to his address by using his zip code as a unique identifier. Therefore, eliminating the need for unique street name suffixes that would need to be entered by SIMS operators.

### Should I use Zip codes or City Codes as a unique identifier?

As a carry over from PTSIII, many sites are already successfully using city code suffixes as their unique identifier. **However, the preferred method is to use Zip Codes as the unique identifier. Since EdulogNT should always have Zip codes in the students address field, it is recommended that they be used over city codes.** Prior to making the decision to change to zip codes, run an Overlapping Addresses report to get a list of street names with addresses that overlap then speak with your Project Leader to discuss an appropriate time to switch from city codes to zip codes.

### INSTRUCTIONS FOR IMPLEMENTING ZIPCODES

1. Perform a backup of your data (using ELTzip).
2. In **Maris**, select menu choice; **Edit Geocode > Street Name > Edit**
3. Edit all duplicate street names to include zip codes in the map zone field as shown in the example:

Current Name:	BEECHWOOD DR SM	ID Street		
Rename To:	BEECHWOOD DR 27577	Aliases...		
Pre	Street Name	Type	Suf	Map Zone
	BEECHWOOD	DR		27577

Old Street name with City Code Suffix  
renamed to....

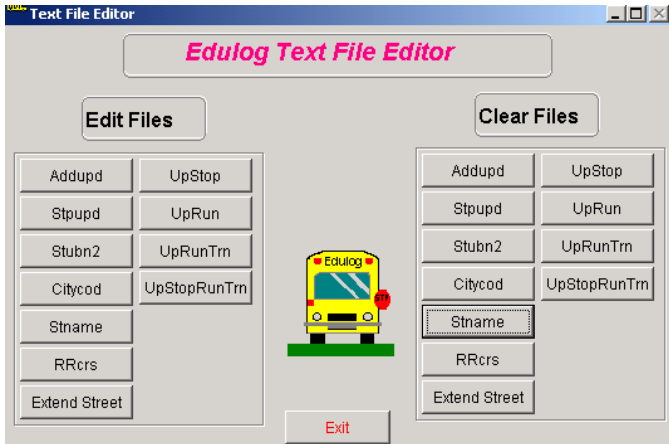
New Street name without Suffix, but with Zip Code

4. When finished editing street names, exit Maris.
5. Follow the instructions under [Input File Creation](#) on the next page and create your **Stname.dat** and **Ctycode.dat** files.
6. In EMU, run the following batches in order:
  - A. **01. Rebuild All Keys**
  - B. **02. Geocode Changes (A & B)**
  - C. **09. Address Update**
  - D. **10. Post Stu**
  - E. **11. Student Addr Match**
7. Zip Code conversion complete.

## INPUT FILE CREATION

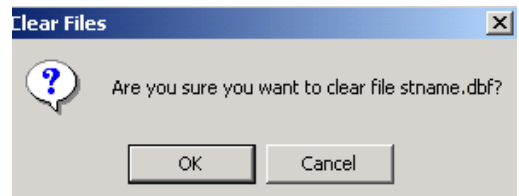
**Buildtxt.exe will be used to create Ctycod.dat and Sname.dat parameter files.**

### 1. Building the STNAME.DAT file using Buildtxt.exe (illustrated)

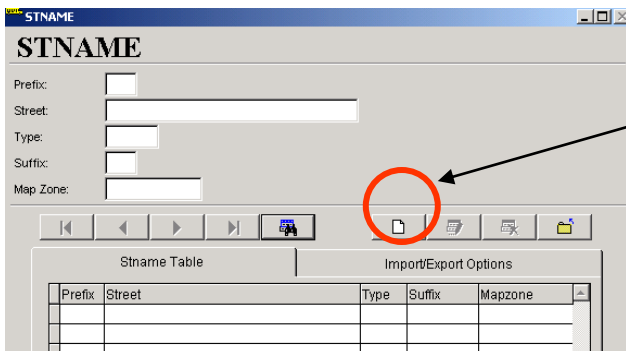


Begin here if creating a STNAME.DAT file for the first time (if **editing** an existing data file, skip to step 4).

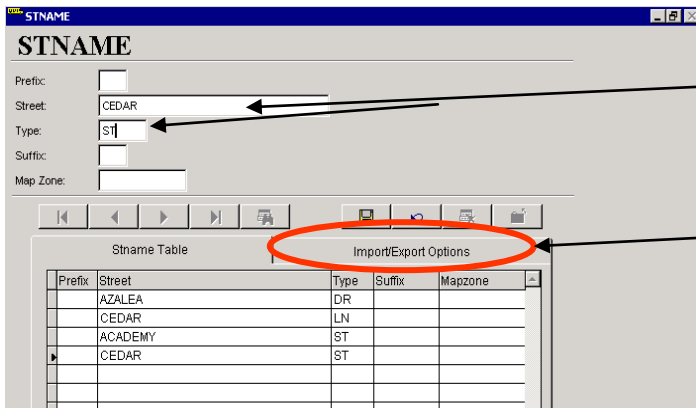
1. Start up d:\elt\exe\report\buildtxt.exe
2. Under **Clear Files**, select STNAME
3. When prompted, click **OK** to clear the file.



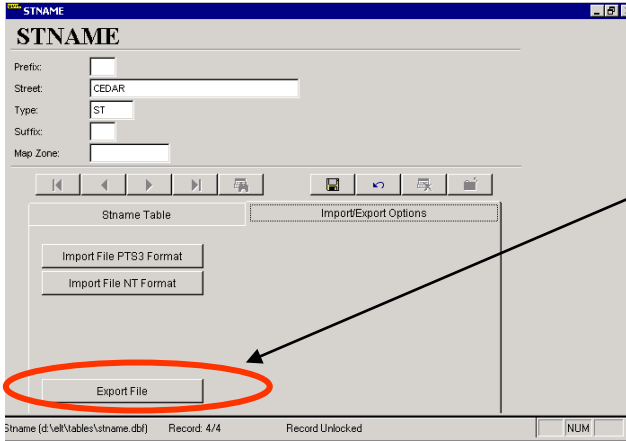
4. Under **Edit Files**, select STNAME



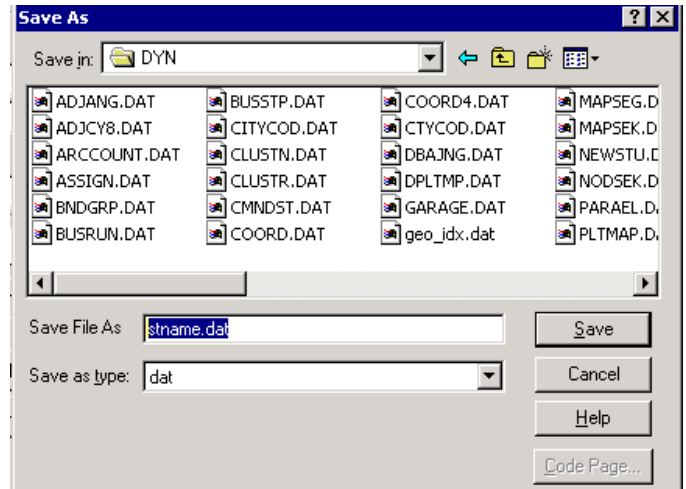
5. To begin entering data, press the **Add/Save Record** button...



6. Enter each duplicated street name as it appears in the student location field. Save each entry.
7. When finished adding street names, click on the **Import/Export Options** Tab.

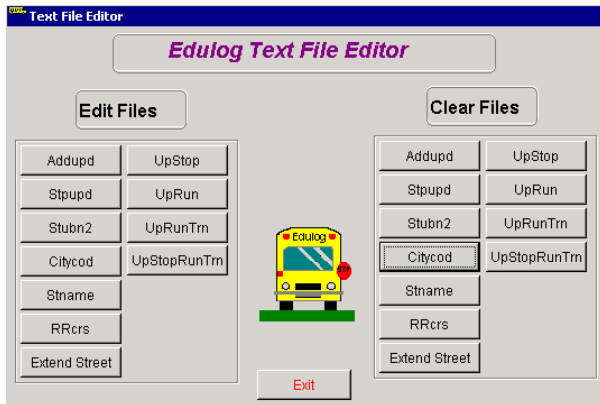


8. Choose **Export File**.



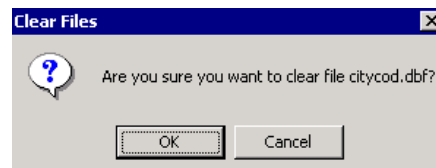
10. Browse to the \\EIt\Server\DYN folder and save the data there as **stname.dat**. If it already exists, copy over it.

## 2. Building the CTYCOD.DAT file using Buildtxt.exe (illustrated)

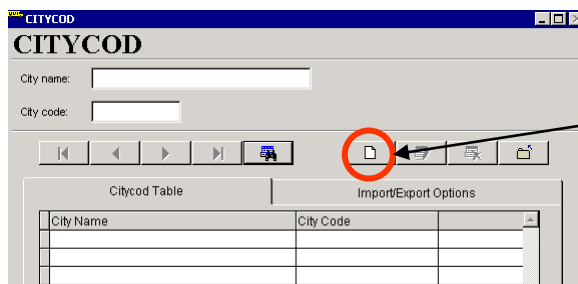


Begin here if creating a CTYCOD.DAT file for the first time (if **editing** an existing data file, skip to step 4).

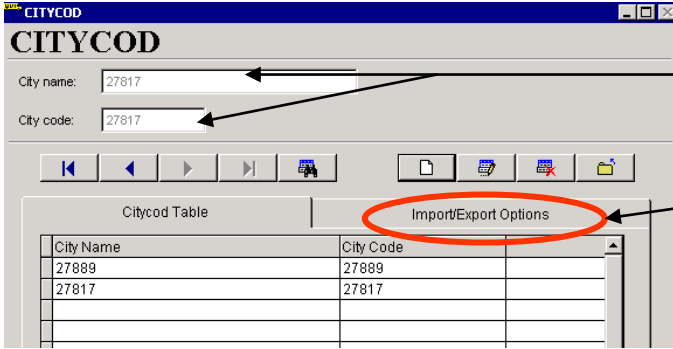
1. Start up d:\elt\exe\report\buildtxt.exe
2. Under **Clear Files**, select CITYCOD
3. When prompted, click **OK** to clear the file.



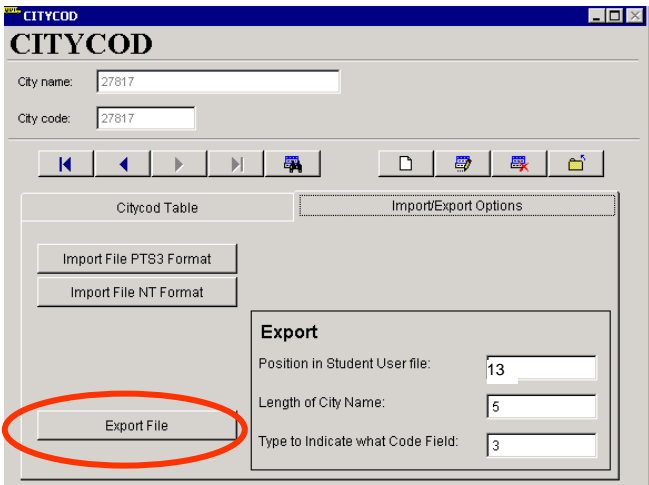
4. Under **Edit files**, Select CITYCOD



5. To begin entering data, press the **Add/Save Record** button...



6. Enter the zip codes for each duplicate street name listed in your sname.dat file.
7. When finished adding zip codes, **save** your entries then click on **Import/Export Options** Tab.



8. Enter the following values under **EXPORT**:
  - **Position in Student User File = 13**  
**(180, if using older studnt.par)**
  - **Length of City Name = 5**
  - **Type to indicate what Code Field = 3**
9. Choose **Export File**.

10. **IMPORTANT NOTE:** you will need to edit the name that buildtxt automatically enters in the **save file** field.

Buildtxt defaults the file name as **CITYCOD.DAT**; you must change the name to **CTYCOD.DAT** (without the 'I').

Browse to the Elt\Server\**DYN** folder and save it there. If it already exists, copy over it.

