

Cowpaths: Dataset Structures and Display Guidelines

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Overview:

This document provides guidelines for building datasets from directories, image metadata and geospatial sources for use in generating ESRI shapefiles and to populate associated databases. It also documents how fields should be searched and/or filter applied, how categories in menus should be labeled, and which fields should be included in returned results. This document has been drafted with the specific use of this data in the Boston Streets: Mapping Directory Data's "Cowpaths: A Geospatial Access Tool" in mind.

Structure and Labeling of Datasets:

The following fields, in the order listed, will be included in all datasets for each of the indicate source data categories. Labels for use when displaying results and populating search/filter menus are also listed.

Directory Data Sets:

Dataset Field Name:	Display Label:	Description:
FULL_NAME	Full Name	Complete personal or organization name generated from the "n" attribute value of the first <persName> or <orgName> element listed in each directory entry
SURNAME	Last Name	Last name generated from the "n" attribute value of the <surname> element, nested within the first <persName> element listed in each directory entry (when available)
OCCUPATION	Occupation	Occupation or business focus generated from the "n" attribute value of the <rs> element with "type" equal to "occupation" listed in each directory entry (when available)
COM_ADDR	Commercial Address	Address generated from the "n" attribute value of the <street> element, nested within the <address> element with "n" attribute value equal to "commercial" listed in each directory entry (when available)
RES_ADDR	Residential Address	Address generated from the "n" attribute value of the <street> element, nested within the <address> element with "n" attribute value equal to "residential" listed in each directory entry (when available)
STREET_NUM	Street Number	Number generated from the atlas dataset used in join, which records the street number associated with a geospatial point for that atlas year.
STREET_NAME	Street Name	Name (Example: Charles Street) generated from the atlas dataset used in join, which records the street

		name associated with a geospatial point for that atlas year.
BUILD_NAME	Building Name	Name of building and/or landmark generated from the atlas dataset used in join, which records information written with emphasis on plate and associated with a geospatial point for that atlas year.
DIR_ID	ID Number	Generated from the "id" attribute of the <div3> element with "type" attribute equal to "entry" used to encase each directory entry.
DIR_DATE	Date	Date of the directory used as source for dataset
PLOT_DATE	Point Date	Date of atlas used as source for join points in plotting
X_COORD	Longitude	The longitudinal coordinate of the plotting point
Y_COORD	Latitude	The latitudinal coordinate of the plotting point

Image Datasets:

Dataset Field Name:	Display Label:	Description:
TITLE	Title	Title of image as defined in metadata (Re:Discovery export or TBS-provided files)
CREATOR	Creator	Creator or photographer as designated in metadata files (Re:Discovery export or TBS-provided files)
PLOT_ADDR	Location	Selected from geoterms included in image metadata (Re:Discovery export or TBS-provided files). The last complete or most prominent address has been isolated.
STREET_NUM	Street Number	Number generated from the atlas dataset used in join, which records the street number associated with a geospatial point for that atlas year.
STREET_NAME	Street Name	Street name generated from the atlas dataset used in join, which records the street name associated with a geospatial point for that atlas year. (Example: Charles Street)
BUILD_NAME	Building Name	Name of building and/or landmark generated from the atlas dataset used in join, which records information written with emphasis on plate and associated with a geospatial point for that atlas year.
IMAGE_ID	ID Number	Generated from Object ID associated in metadata (Re:Discovery export or TBS-provided files).
IMAGE_DATE	Date	Generated from Date associated in metadata (Re:Discovery export or TBS-provided files). Circa dates have been reconciled to the single date provided as part of Circa statement. Date Ranges have been reconciled to a single "average" midpoint.
PLOT_DATE	Plot Date	Date of atlas used as source for join points in plotting
X_COORD	Longitude	The longitudinal coordinate of the plotting point
Y_COORD	Latitude	The latitudinal coordinate of the plotting point

NOTE: Thumbnails, hyperlinks, and courtesy statements are automatically generated at this time. Thumbnails should be labeled "Preview"

Filter Functionality and Display (Build-a-Layer):

This section outlines the fields to be made available for filtering and the labels to be used in constructing the category choice menus.

Directory Datasets:

Filter by Field	Menu Label
FULL_NAME	Full Name
SURNAME	Last Name
OCCUPATION	Occupation
COMADDR	Commercial Address
RESADDR	Residential Address
STREET_NAME	Street Name

Note: For the time being, I am omitting BUILD_NAME, as it is not frequently used.

Image Datasets:

Filter by Field	Menu Label
TITLE	Title
CREATOR	Creator
PLOT_ADDR	Location
STREET_NAME	Street Name
BUILD_NAME	Building Name
IMAGE_DATE	Date

Note: For the time being, I am omitting BUILD_NAME, as it is not frequently used.

Formats for Directory and Image Dataset Query Results:

This section offers format guidelines for displaying results from various datasets, both as groups of results from a specific source and the structure of individual results.

Results for directory or directories query:

Header label for results groupings: **1XXX Boston City Directory**

Example: **1865 Boston City Directory**

*****Peter, Is this possible?**

Header label for results groupings, with filter applied:

1XXX Boston City Directory: Filtered for "term"

Example: **1865 Boston City Directory: Filtered for "Smith"*****

Labels for directory results listings fields (in order of display, ignoring commas and line breaks):

Full Name, Occupation, Commercial Address, Residential Address, Date

Results for image layer(s) query:

Header label for results groupings: **Boston Streets Images**

*****Peter, Is this possible?**

Header label for results groupings, with filter applied:

Boston Streets Images: Filtered for "term"

Example: **Boston Streets Images: Filtered for “1900”*****

Labels for image results listings fields (in order of display in order of display, ignoring commas and line breaks):

Preview, Title (*with courtesy statement beneath*), **Creator, Location, Date**