

Importing Fields from GeoDB2

This tool is currently in beta. There are some known issues we are working to improve.

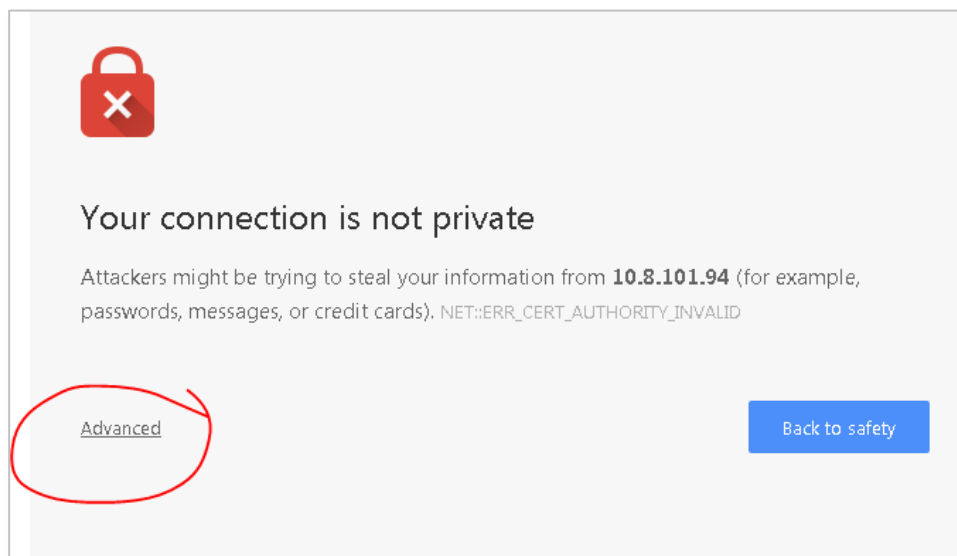
Before using this tool, check that you can meet these requirements:

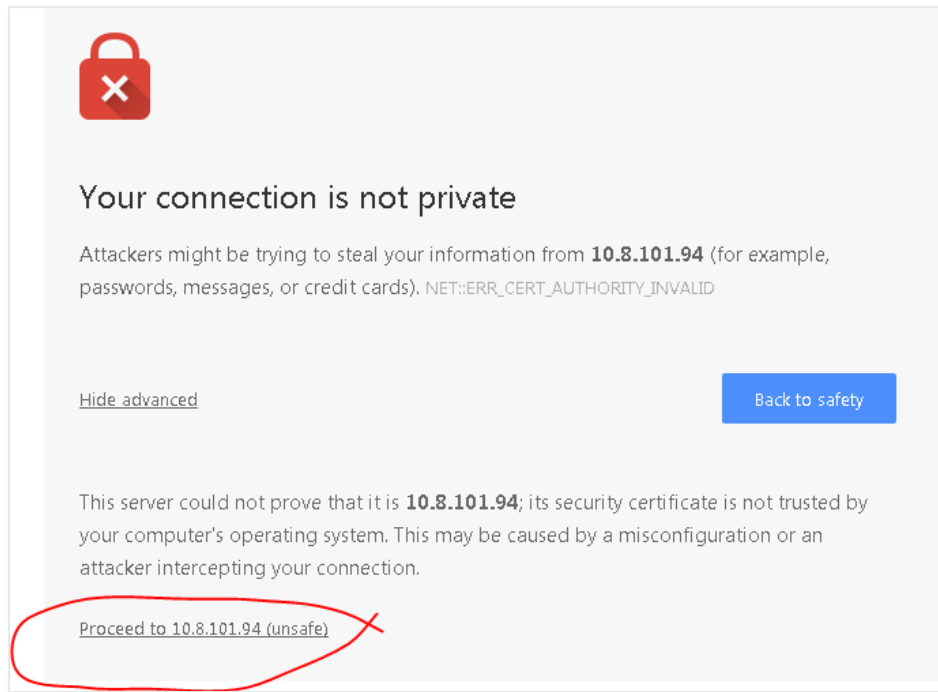
- Import Fields tool can only be used in Chrome or Internet Explorer (*not* Firefox)
- You must be connected to the CityNet network or via VPN. If you can't get to maps.phila.gov, you may not be on the city network.
- The tool can only be used for Feature Classes or Tables stored in GeoDB2 shared to the SDE_Viewer account.

Preliminary Setup

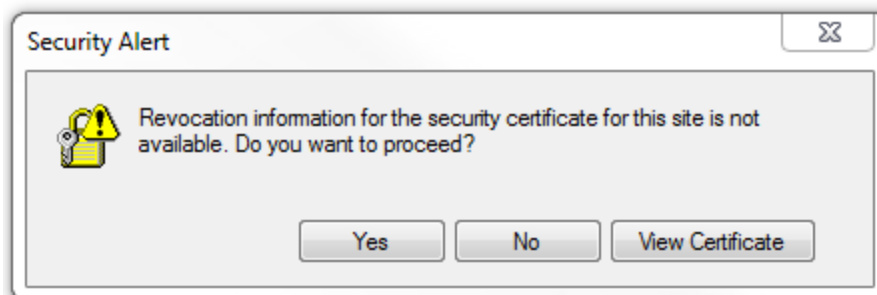
Before using the tool, you must allow your browser to accept the API's security certificate. Follow the following steps:

1. Open Chrome or Internet Explorer and navigate to <https://10.8.101.94/feature-classes>
2. In Chrome you will see a page like this. Click "Advanced" and then "Proceed to 10.8.101.94 (unsafe)"





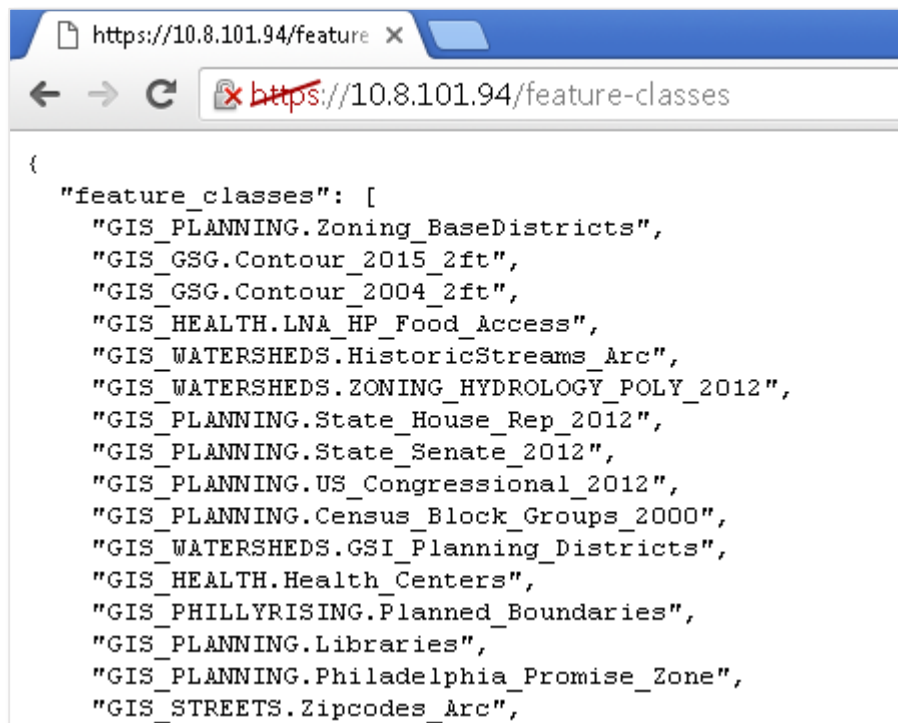
3. In Internet Explorer you will see a popup like this:



Click "Yes" and you will see another popup. Click "Yes" again:



4. Allow the page to load completely. This may take a few minutes. You should see a page with text similar to this:



How to Import Fields

1. Find the dataset you wish to work with and view the "Edit Versions" page

2. Click the “Import Fields” button on this page

Versions and Subsets of this Dataset

Current version of the dataset in addition to archives, derived cuts, and other variations, if they exist.

Dataset	Name	Description	Classification	Edit Version Details	Edit Fields	Edit Endpoints	Delete Version	Preview Version
Building Footprints	Building Footprints	<p>Planimetric Coverage containing the delineation of buildings or related structure outlines that represent the footprints of these buildings. Building outlines are closed off at tile boundaries by the tile neat line. The annotation.bn layer contains some building names. Building elevations are also included as attributes for each polygon. The polygon outlines of buildings for the entire City, constructed from coverage polylines. Note: many buildings are shown as connected. This includes rowhouses that appear as a single polygon and larger buildings where a determination could not be made. The only attributes included are ID, Area, Perimeter and Feature Code (IFCODE). There are no addresses assigned to these buildings at this time.</p> <p>This is one of the planimetric coverages developed as part of the aerial survey project of 1996 and updated using new aerial photography collected between 25 March 2004 and 23 April 2004.</p> <p>Explicit elevation coordinate included with horizontal coordinates. All data compiled in Philadelphia Vertical Datum (i.e.: NAVD83 elevation minus 4.631 feet)</p>	Public	EDIT	VIEW	OIT USE	DELETE	PREVIEW

At the top of the page, the name of the dataset you are working with is shown for reference, as well as the GeoDB2 layer name entered in association with that dataset, which is what you will use to import the fields. Regardless of the layer you import from, this is the dataset in Benny that those fields will be added to.

Import Fields

This is the Benny dataset entry to which you will be adding these imported fields. To select a different dataset, navigate back to the Edit Datasets tab and search for the one you wish to work with.

Dataset Name

GeoDB2 layer name

Building Footprints

GIS_GSG.BUILDING_FOOTPRINTS

[Click to edit GeoDB2 layer name](#)

If the dataset contains multiple versions, you would expect to find a comma-separated list of layers associated with this dataset.

Import Fields

This is the Benny dataset entry to which you will be adding these imported fields. To select a different dataset, navigate back to the Edit Datasets tab and search for the one you wish to work with.

Dataset Name	Digital Elevation Model (DEM)
GeoDB2 layer name	GIS_GSG.DEM_2008, GIS_GSG.DEM_2012, GIS_GSG.DEM_2015
Click to edit GeoDB2 layer name	

If the GeoDB2 layer name box is blank or incorrect, enter that information using the form by clicking the link: “Click to enter GeoDB2 layer name”

On this page, you will also see a table of fields already added to this dataset either manually or by importing. This will let you see if you add duplicates or incorrect fields.

Fields belonging to this dataset

Field Name	Alias	Type	Description	Delete Field
No Data				

3. To import fields, find the search bar and enter the EXACT layer name in GeoDB2, using the format GIS_DEPT.LAYER_NAME. For example: GIS_GSG.BUILDING_FOOTPRINTS. Search will return an error if it does not match an exact layer name.

Enter the name of the layer to import from here:

Important: ONLY feature classes in GeoDB2 shared to SDE_Viewer can be imported. Enter the exact layer name, formatted as GIS_DEPT.LAYER_NAME.

Only import fields once per dataset, then use "Associate Fields" to attach the fields to the relevant version(s).

If you receive an error message, [click here for help](#).

GIS_GSG.BUILDING_FOOTPRINTS|



If you receive an error from this search, try the following:

- Make sure you completed the Preliminary Setup earlier on this page. If you use a new computer, a new browser, or have cleared your browser's cache or history, you will need to repeat the process of accepting the security certificate.
 - Make sure you are on the City Network. Try going to maps.phila.gov to check
 - Make sure you are using Chrome or Internet Explorer browsers
- Make sure you are entering the EXACT layer name in the format GIS_DEPT.LAYER_NAME
- Make sure the layer is a FEATURE CLASS. Tables, rasters, imagery, or anything contained in a Feature Dataset cannot be imported at this time.
- Make sure the layer is in GeoDB2
- Make sure the layer is shared to SDE_Viewer. To protect the security of your data, only layers shared to SDE_Viewer can be imported.
- Log out of Benny and log back in again. Tokens granting access last two weeks and may have expired.

This is what you will see if your search is successful:

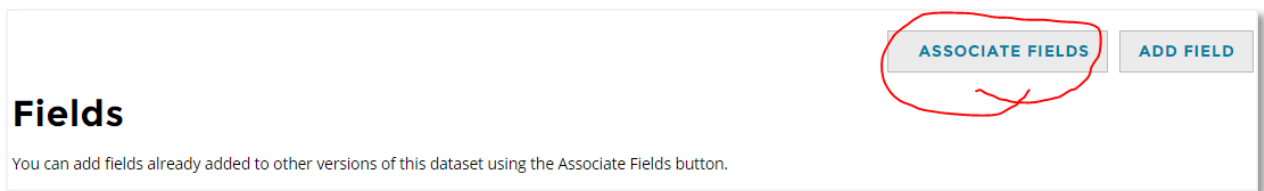
Name	Alias	Type	Description
<input type="text" value="OBJECTID"/>	<input type="text" value="OBJECTID"/>	<input type="text" value="Integer"/>	<input type="text"/>
<input type="text" value="GIS_GSG.BUILDING_FOOTPRINTS.AREA"/>	<input type="text" value="AREA"/>	<input type="text" value="Numeric"/>	<input type="text"/>
<input type="text" value="PERIMETER"/>	<input type="text" value="PERIMETER"/>	<input type="text" value="Numeric"/>	<input type="text"/>
<input type="text" value="FCODE"/>	<input type="text" value="FCODE"/>	<input type="text" value="Integer"/>	<input type="text"/>
<input type="text" value="ELEV"/>	<input type="text" value="ELEV"/>	<input type="text" value="Numeric"/>	<input type="text"/>
<input type="text" value="SOURCE"/>	<input type="text" value="SOURCE"/>	<input type="text" value="Text"/>	<input type="text"/>
<input type="text" value="DATE_UPDATED"/>	<input type="text" value="DATE_UPDATED"/>	<input type="text" value="Text"/>	<input type="text"/>
<input type="text" value="SHAPE"/>	<input type="text" value="Shape"/>	<input type="text" value="Other"/>	<input type="text"/>
<input type="text" value="SHAPE.AREA"/>	<input type="text" value="SHAPE.AREA"/>	<input type="text" value="Numeric"/>	<input type="text"/>
<input type="text" value="SHAPE.LEN"/>	<input type="text" value="SHAPE.LEN"/>	<input type="text" value="Numeric"/>	<input type="text"/>

4. Check that the fields contain the right information, add human-readable Aliases where appropriate, check the field Types.
5. Add useful descriptions. If you want to add a description that includes a list (for instance a list of codes and their meanings), this can be more easily added after importing.
6. If you hit enter at any point within this table, the form will submit and the fields will be imported. You can also hit the Submit button below the table when you have finished.
7. You should receive a message saying "Form submitted successfully. Refresh the page to check that fields were saved correctly." Refresh the page and scroll to the table at the bottom of the page to see that the imported fields are listed in the table of "Fields belonging to this dataset".
 - If you received an error message or the fields are not listed in the table after refreshing, log out and log back in again, then import the fields again.
 - If you still do not see the fields listed, clear your browser's cache, close browser, and try again. Submit an ithelp ticket if this still doesn't allow you to import the fields successfully.

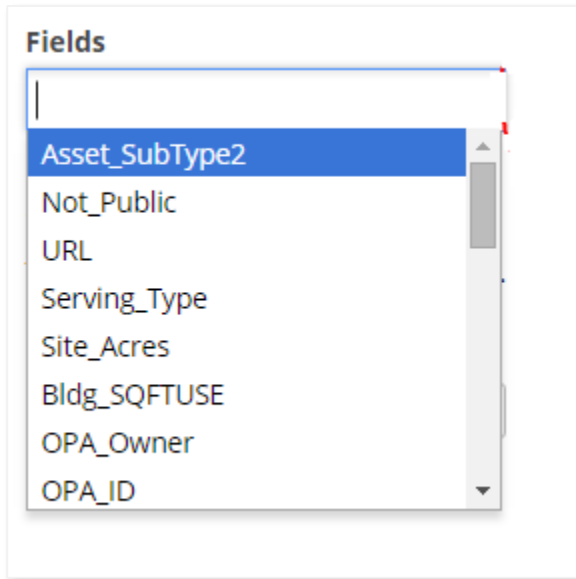
Now that the fields have been imported to this dataset, associate them with each version that contains these fields.

After a new field has been added, it belongs to the entire Dataset regardless of how many Versions of that dataset exist. Since different versions of a dataset may include different fields, but also may share many of the same fields, you can uniquely associate the same Fields with different versions of the same dataset. That way, you don't have to add the details of each field multiple times, and if you update information about a field, it will be shown for each version to which it applies.

1. Find your dataset from the Edit Datasets homepage and click "Edit Versions"
2. Click Edit Fields for the first version
3. Click the Associate Fields button



4. If you click inside the Fields box, you will see a list of all the fields already belonging to the dataset, which you can simply click to select. Select all the fields that this version includes.



5. Hit submit and you should see the fields shown in the table for that version.
6. If there is more than one version of the dataset, go back to the Edit Versions page for this dataset and repeat steps 2-5 for all applicable versions.

All done!

Please contact ithelp@phila.gov and cc maps@phila.gov if you experience problems with this tool.