



## Freeance Web Features

12/31/2009

## Description

Customized Layer Control

Layers can be organized into a series of nested groups, displayed in multiple groups, or removed from the interface entirely. Text labels can also be added to the layer control.

Feature Selection Configuration

Multiple map feature attributes can be displayed for a theme.

Configurable Display Templates

Allows the user to change what the layer attribute display looks like in the client application when a feature is selected. This includes the ability to link images to external databases and display images, and hyperlink to separate and additional web pages, files and other web-based systems.

Configuring Layer Buffers

Freeance Client Applications have the ability to visually display and return attributes for a group of features on a map layer simultaneously based on their distance from an arbitrary point or from the boundary of a selected feature.

Multiple Buffering Options

Buffer from a point, selection, or multiple layers. Plug-n-Play database connections (Oracle, Microsoft SQL Server, IBM DB2, Access, Postgres, MySQL, ODBC)

Connect to Existing Databases

Configure a Database Query

Freeance uses the concept of "Predefined Queries" to simplify the process of configuring database searches. Predefined queries are responsible for querying data from the database and essentially define a template for a SQL query.

Querying a Database

Zooming to Search Results

The 'Zoom To' function changes the map view extent to display all query records within a search result. These map features are also highlighted when displayed on a map.



Zoom to a Map Feature  
from Query Results

Freeance has an option that allows you to zoom to individual search results.

Joining Feature Data  
with Non-Spatial Data

By default, feature selection and buffer operations only return data from the attributes that are part of the map feature being selected. This is acceptable in many cases, but often additional data related to the map feature needs to be displayed. Freeance accomplishes this by combining map feature selection with the database query system.

Chained Queries

One to one join of your map data to other databases that you can connect to.

Linked Queries

Many to one join of your map data. Combine map data and databases from multiple, varied sources.

Map  
Printing/Templates/PDF  
Printing

Create multiple different print templates for Freeance end-users to choose from when printing maps. The different print templates can be oriented for customer needs, or to simply provide different print sizes and orientations. Attribute data and a date can be printed out along with the map image. Ability to set the map scale when you print.

User Logins

The user logins extension allows users to save their work for later use.

BookMarks

Bookmarks are used to save the position and layer states of a map for future reference. Allows the user to store the input for a search query in their profile. The query can then be run again at a later date.

Saved Queries

Markup

The markup extension allows the user to place temporary markers on the map. Points, lines, polygons, and text are all valid markup types.

Coordinate Display

Allows the end user to find the latitude and longitude of a point on the map.

Coordinate Zoom To

Allows you to input latitude and longitude coordinates to zoom to.



#### Measure Utility

Interactive measurement tool that simultaneously reports on the length of individual line segments, the total length, the area and acreage of the drawn region.

#### Scale Bar

Adds a dynamic, configurable scale bar to your client interface.

#### Custom Legend Image URL

The Custom Legend Image URL setting can be used to add your own legend image.

#### Map Tabs

The Map Tab feature allows a user to quickly toggle the layer visibility and legends for all themes.

#### ArcIMS Alternate Legends

Easy way to manage your map layers in ArcIMS without having to manually turn on and off your map layers. Setup your map layer once in ArcIMS and the Freeance configuration system does the rest. Your end users just see a simple list of other ways in which a particular map layer can be drawn.

#### Connecting to Freeance

Freeance client applications can be integrated into an existing website both by linking to the application from an external program or web page and by including links to other applications.

#### Zoom to from URL

You can automatically select and zoom to a feature based on the URL string.

#### Geocode from URL

URL parameters can be used to automatically geocode a street address or intersection.

#### Center on Coordinate from URL

URL parameters can be used to automatically center the map on a specified coordinate.

#### Connecting from Freeance

An external web application that accepts URL parameters can be reference in a selection, buffer or query result template.

#### Query Suggest

The Query Suggest feature is to assist end users in their searches.



Geocode Search	Provides an address and intersection search tool. Custom scripts option can be used to add functionality not present in the default Freeance software.
Custom Scripting	
Proximity Search	Allows the end user to search on map data within a specified distance from the map center and are highlighted on the map and the attribute data is displayed as a search result.
Seamless Map Pan	Allows users to scroll the map without waiting for a redraw.
Map Tips	Map tips allow the client to display information about the map features when the mouse pointer is hovered over the features.
Debug Tools	Is used to help diagnose any errors and to assist with technical support.
Export Data	Can export selection results, buffer results, and query results to a CSV file.
ArcGIS Server Security	Support for ArcGIS Server Security
Delete "ALL" Option	Delete and clear everything out of your layer control in one step.
No Feature Buffering	End users when buffering an area that has no features - a buffer action will take place to indicate buffering is working.
Utility Repair Tool	A repair Freeance utility support tool program for virtual directories and other settings that can be run so Freeance runs correctly.
Zoom and Pan Shortcuts	Use the mouse wheel when zooming and the arrow keys to pan.
Pass Map Extents	Ability to pass map extents from one Freeance application to another.
URLs in Map Tips	Ability to have URLs in Map Tips, just like selection templates.