

Flex API For ArcGIS

<http://resources.esri.com/arcgisserver/apis/flex/>



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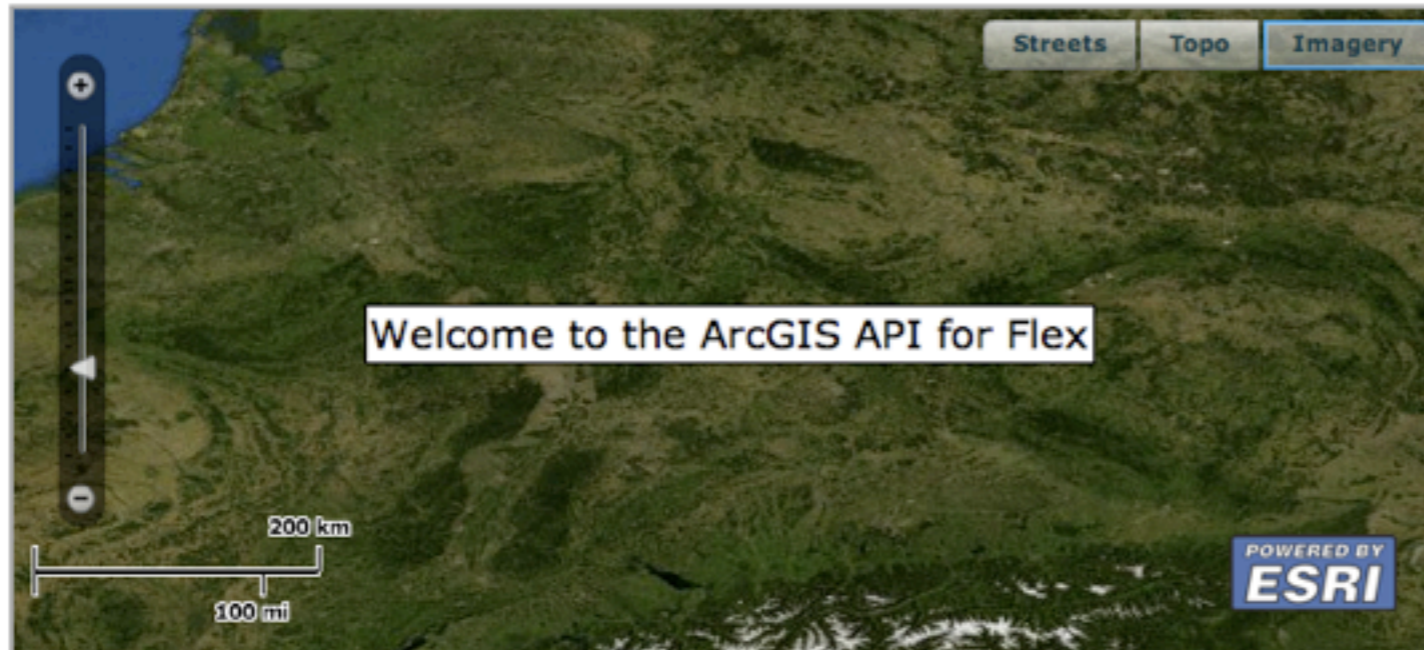
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The ArcGIS API for Flex allows the creation of Rich Internet applications on top of ArcGIS Server. It is based on the free Adobe Flex framework. The Flex framework is a client-side technology that is rendered by Flash Player 9 and above, or by Adobe AIR. All Flex 3.x SDK versions are now supported.

Latest version of ArcGIS API for Flex is [version 1.3](#) which was released on November 6, 2009 - see [What's New](#) for more information.

To use the API you simply [download the ArcGIS API for Flex library](#) and start creating your [Flex](#) applications using [Flex Builder 3](#) (or your Flex tool of choice).

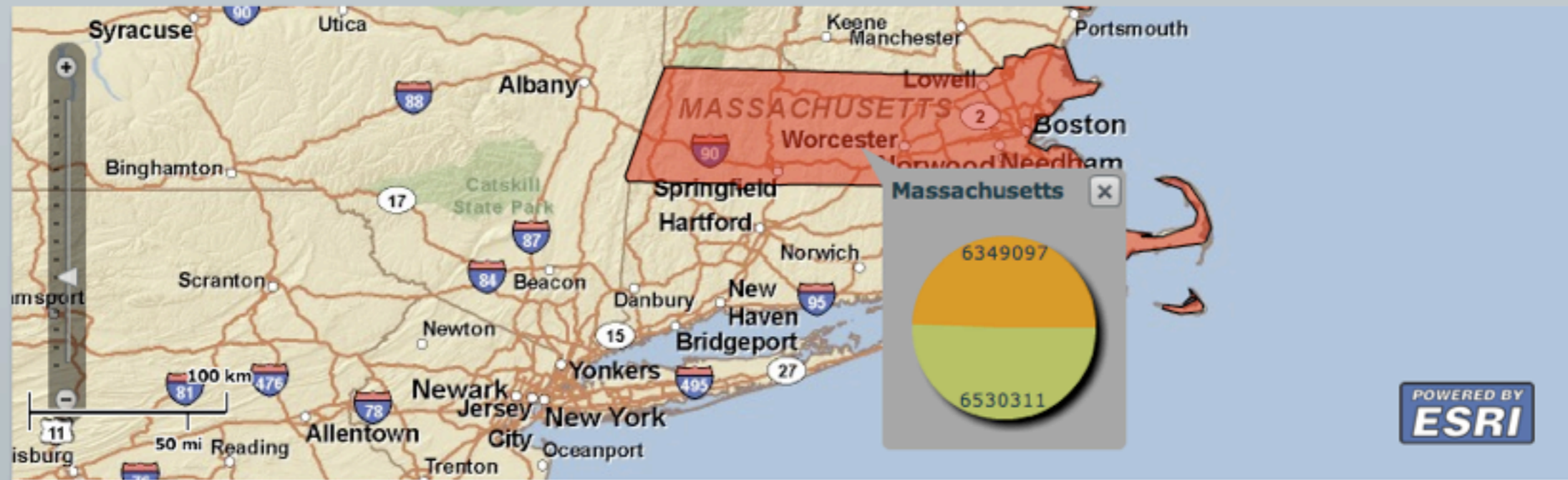
Play around with the Flex [sample below](#) or see [more samples](#) in action!



Getting Started

- [Download API Library](#)
- [Building Your First Rich Internet Application](#) - as presented at Developer Summit 2009
- [What is Flex?](#)
- [View demo of "first" application](#)
- [Listen to podcast](#) - Mansour Raad discusses the released ArcGIS API for Flex.
- See a [sample viewer](#) from the [code gallery](#)

Where 2.0



| Name | Pop 2000 | Pop 2007 |
|---------------|----------|----------|
| Montana | 902195 | 959171 |
| Maine | 1274923 | 1352536 |
| Minnesota | 4919479 | 5360578 |
| Massachusetts | 6349097 | 6530311 |
| Maryland | 5296486 | 5727376 |
| Missouri | 5595211 | 5911718 |
| Mississippi | 2844658 | 2969306 |
| Michigan | 9938444 | 10322677 |

STATE_NAME like 'M%'

- Application Skeleton

- Add Panel
- Map
- DataGrid
- ControlBar
- TextInput

- Add Tiled Map Service
- <http://server.arcgisonline.com/ArcGIS/rest/services>
- ESRI_StreetMap_World_2D/MapServer

- Adjust Initial Map Extent

- Define Query Task
- [http://sampleserver1.arcgisonline.com/ArcGIS/rest/services](http://sampleserver1.arcgisonline.com/ArcGIS/rest/services/Demographics/ESRI_Census_USA/MapServer/5)
- Demographics/ESRI_Census_USA/MapServer/5

- Define Query
- Should Return Geometries
- Attribute Fields To Return

- Bind Query Where To TextInput
- Execute QueryTask On Enter

- Bind GraphicLayer To QueryTask Result
- Graphic (UIComponent) Has:
 - Geometry
 - Symbol
 - Attributes

- Bind DataGridView To QueryTask Result

- Define DataGrid Columns

- Define Layer Symbol
- Symbol Draws Graphic
- Filling
- Outline
- Custom

- Select Data Row and Zoom Map To Item

- Add MOUSE_CLICK handler to Graphic
- Display Graphic Attribute

- Define Info Window
- Info Window Content is UIComponent

- InfoWindow Content as Pie Chart

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