

Application: **Public Information Center – JavaScript**  
Version: **3.7**  
Document: **Readme**  
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## Package Contents

**PublicInformationCenter:** Folder containing web application and configuration file

**Readme.pdf :** Deployment and configuration guide

## Configuration

You can configure Public Information Center Template in your environment. To complete the configuration, you will need experience with Microsoft's Internet Information Server (IIS). If you are new to JavaScript Viewers, this template will demonstrate a pattern you can use to deploy your own JavaScript application.

1. Copy the "PublicInformationCenter" directory onto your web server so that it can be accessed as a website or virtual directory.  
Example: Copy the "PublicInformationCenter" directory under C:\Inetpub\wwwroot for Microsoft IIS web servers.
2. This application uses a proxy file provided by ESRI. The proxy file is available in three different languages (ASP.NET, PHP and JSP). Current application uses ASP.NET proxy file. If you wish to use a different proxy file please click [here](#). For ASP.NET proxy file, change the REST end point to the ArcGIS REST service url in the proxy.config file.
3. Go to IIS, right-click on the parent directory of the copied files, select "Convert To Application" and set the application pool to ASP.NET v4.0.

**Note:** If you want to use a different version of ASP.NET, please follow the steps below.

1. Open the source folder as a website in Visual Studio
2. Right-click on website, go to properties and change the .NET target framework to desired version
3. Publish the website
4. The "PublicInformationCenter" directory contains Config.txt which is the main configuration file. To modify any configuration values, open Config.txt file using a text editor like Notepad. Make necessary changes to the JSON objects. See the "Description of Configuration Tags" section below for more information.
5. Test the application in a browser by entering the URL to the default.htm page.  
Example: http://<server>/PublicInformationCenter/default.htm  
Substitute "<server>" with name of your server. Please note: "default.htm" may not be defined as a default document on your web server.

## Description of Configuration Tags (Config.txt)

ApplicationName: Application Name displayed in banner

ApplicationName : "<b>Public Information Center</b> ",

ApplicationIcon: Application Image displayed in banner

ApplicationIcon : "images/PubInfoLogo.png ",

SplashScreenMessage: Message displayed when the application is launched.

SplashScreenMessage : "Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Nam liber te conscient to factor tum poen legum odioque civiuda.",

HelpURL: URL for help

helpURL:"help.htm",

BaseMapLayers: Basemap layer collection. (All basemaps need to be in the same spatial reference)

BaseMapLayers :

Key: "streetMap" //Key for every map. This has to be unique in this collection

ThumbnailSource:"images/Parcel map.png" //Image (thumbnail) of the basemap

Name: " Streets" //Name of the basemap, this is displayed in the basemap gallery component

MapURL:" http://localgovtemplates.esri.com/ArcGIS/rest/services/ParcelPublicAccess/MapServer"  
//Map server URL

Key: "imageryMap" //Key for every map. This has to be unique in this collection

ThumbnailSource:" images/Imagery Hybrid.png" //Image (thumbnail) of the basemap

Name: " Imagery" //Name of the basemap, this is displayed in the basemap gallery component

MapURL:" http://localgovtemplates.esri.com/ArcGIS/rest/services/ImageryHybrid/MapServer"  
", //Map server URL

DefaultExtent: Initial extent of map. To separate values use “,” symbol.

DefaultExtent :"-9815317.353,5126118.542,-9811259.298,5127735.811",

InfoPopupHeight:Height of info-Popup in pixels

InfoPopupHeight: 310,

InfoPopupWidth:Width of info-Popup in pixels

InfoPopupWidth: 330,

ShowNullValuesAs: Display Null values from the layers with a custom string

ShowNullValueAs: "N/A",

// DefaultServiceTab can only be 0, 1 or 2

DefaultServiceTab: Tab enabled on load

DefaultServiceTab: 0,

VisibleTab: Tab to be removed on load as false

VisibleTab: {

Information: true,

RequestService: true,

SocialMedia: true

},

TabHeaderText: title to be displayed on the tab header

TabHeaderText: [

"Information",

"Request Service",

"Social Media"],

Status: Displaying status of serviceRequest

Status: "\${STATUS}",

InfoWindowHeader: Service Request Info-window title

InfoWindowHeader: "Request ID: \${REQUESTID}",

SocialMediaTitle: Social Media Info-window title

SocialMediaTitle: "\${TITLE}",

ShowCommentsTab: Show "Comments" tab in the info-Popup

ShowCommentsTab: true,

FormatDateAs: Date format

FormatDateAs: "MMM dd, yyyy",

ShareQuery: object id for querying while sharing the infowindow for alerts tab

ShareQuery: "OBJECTID = '\${0}'",

DatabaseFields: Define the database field names

DatabaseFields: {

RequestIdFieldName: "REQUESTID",

CommentsFieldName: "COMMENTS",

DateFieldName: "SUBMITDT",

RankFieldName: "RANK"

},

ServiceRequestFields: Define service request input fields for submitting a new request

ServiceRequestFields: {

RequestIdFieldName: "REQUESTID",

RequestTypeFieldName: "REQUESTTYPE",

CommentsFieldName: "COMMENTS",

NameFieldName: "NAME",

```

    PhoneFieldName: "PHONE",
    EmailFieldName: "EMAIL",
    StatusFieldName: "STATUS",
    RequestDateFieldName: "REQUESTDATE"
  },

```

CommentsInfoPopupFieldsCollection: info-pop fields for adding and displaying comment

```

CommentsInfoPopupFieldsCollection: {
    Rank: "${RANK}",
    Submitdate: "${SUBMITDT}",
    Comments: "${COMMENTS}"
  },

```

GeometryService: Geometry service url

```

GeometryService: "http://203.199.47.146/arcgis/rest/services/Utilities/Geometry/GeometryServer",

```

ServiceRequest: Configurable items for ServiceRequest tab

```

{
    Instructions: "<br/><b>Submit a Request for Service:</b> <br/> <br/>Please search for an
address or click directly on the map to locate your request for service. Then, provide details about
the request below and click Submit to initiate your request. You'll be provided a Request # that can
be used to track the status of your request. If you find a request has already been submitted by
another party, you can click on the existing request, provide additional comments and increase the
importance of the request.<br /><br/><b>Please note:</b> Attachments can be used to submit a
photo, video or other document related to a service request.<br/>",
    LayerInfo: {
        Key: "serviceRequest",
        LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/ServiceRequesthostsymbol/FeatureServer/0",
        OutFields: "*",
        RequestTypeFieldName: "REQUESTTYPE",
        //Set the attribute for requestID used for creating a new request
        RequestId: "${REQUESTID}",

        CommentsLayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/ServiceRequesthostsymbol/FeatureServer/1",
        CommentsOutFields: "*",
        //Set the primary key attribute for the comments
        CommentId: "${REQUESTID}"
    },
}

```

InfoPopupFieldsCollection: Info Pupoup Fields collection

```

[
    {
        DisplayText: "Problem:",
        AttributeValue: "${REQUESTTYPE}",
    }
]

```

```

        DataType: "string"
    }, {
        Id: "description",
        DisplayText: "Comment:",
        AttributeValue: "${COMMENTS}",
        DataType: "string"
    }, {
        DisplayText: "Date Submitted:",
        AttributeValue: "${REQUESTDATE}",
        DataType: "date",
        dateFormat: "MMM dd, yyyy"
    }, {
        DisplayText: "Status:",
        AttributeValue: "${STATUS}",
        DataType: "string"
    }
  ]
},

```

Alerts: Configurable items for Alerts tab

```

{
  Instructions: "<br/><b>General Information:</b> <br/> <br/>The location of construction projects, public notices or alerts, out of service hydrants, and main breaks can be found below. You can turn on and off projects and assets in the left navigation pane. When you find a project or asset you're interested in, select it from the list and it will be highlighted on the map. If you click on an individual asset or project on the map, additional detail will be provided.",
  LayerInfo: [{
    Key: "capitalProjects",
    DisplayText: "City Construction Projects",
    LayerURL: "http://arcgis-two-1334003536.us-west-1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/6",
    RippleColor: "#C35617",
    isLayerVisible: true,
    defaultTabOpen: true,
    OutFields: "*",
    DateFields: "PLANSTART,PLANEND",
    ListViewFormat: "<b>Project Name:</b> ${WORKID}<br/><b>Location:</b> ${LOCATION}<br/><b>Planned Start Date:</b> ${PLANSTART}",
    InfoWindowHeader: "${WORKID}",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Location:${LOCATION},Project Status:${WORKSTATUS},Planned Start Date:${PLANSTART},Planned End Date:${PLANEND},Responsible Agency:${ASSIGNEDTO},Supervisor:${SUPERVISOR}",
    hasDefinitionExpression: false,
    DefinitionExpression: "",
    FilterDays: 0
  }], {

```

```

    Key: "externalAgencyProjects",
    DisplayText: "Private Utility and Transit Projects",
    LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/7",
    RippleColor: "#BCE954",
    isLayerVisible: false,
    defaultTabOpen: false,
    OutFields: "*",
    DateFields: "STARTDATE,ENDDATE",
    ListViewFormat: "<b>Project Name:</b> ${PROJNAME}<br/><b>Planned Start Date:</b>
${STARTDATE}",
    InfoWindowHeader: "${PROJNAME}",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Planned Start Date:${STARTDATE},Planned End
Date:${ENDDATE},Responsible
Agency:${AGENCY},Contact:${CONTACTNAME},Phone:${PHONE},Email:${EMAIL}",
    hasDefinitionExpression: false,
    DefinitionExpression: "",
    FilterDays: 712
  }, {
    Key: "infrastructureAlerts",
    DisplayText: "Public Notices and Alerts",
    LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/5",
    RippleColor: "#C11B17",
    isLayerVisible: false,
    defaultTabOpen: false,
    OutFields: "*",
    DateFields: "START,ALERTEND",
    ListViewFormat: "<b>Alert Type:</b> ${ALERTTYPE}<br/><b>Description:</b>
${DESCRIPTION}<br/><b>Start:</b> ${START}<br/><b>End:</b> ${ALERTEND}<br/><b>Contact:</b>
${CONTACT}",
    InfoWindowHeader: "${ALERTTYPE}",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Start:${START},End:${ALERTEND},Description:${DESCRIPTION},Contact
Name:${CONTACT}",
    hasDefinitionExpression: false,
    DefinitionExpression: "",
    FilterDays: 0
  }, {
    Key: "leaksMainBreaks",
    DisplayText: "Water Main Leaks and Breaks",
    LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/2",
    RippleColor: "#C11B17",
    isLayerVisible: false,
    defaultTabOpen: false,
    OutFields: "*",

```

```

    DateFields: "LEAKSTART,LEAKEND",
    ListViewFormat: "<b>Problem Type:</b> ${LEAKTYPE}<br/><b>Start:</b>
${LEAKSTART}<br/><b>End:</b> ${LEAKEND}<br/><b>Total Gallons Lost:</b> ${TOTALGALL}",
    InfoWindowHeader: "${LEAKTYPE}",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Description:${NOTES},Repair
Status:${REPSTATUS},Start:${LEAKSTART},End:${LEAKEND},Total Gallons Lost:${TOTALGALL},Repair
Method:${REPAIRMETH},Pipe Condition:${PIPECOND}",
    hasDefinitionExpression: true,
    DefinitionExpression: "REPSTATUS = 'In Progress'",
    FilterDays: null
  }, {
    Key: "sanitaryBackup",
    DisplayText: "Sewer Backups",
    LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/3",
    RippleColor: "#4AA02C",
    isLayerVisible: false,
    defaultTabOpen: false,
    OutFields: "*",
    DateFields: "BACKUPSTART,BACKUPEND",
    ListViewFormat: "<b>Start:</b> ${BACKUPSTART}<br/><b>End:</b>
${BACKUPEND}<br/><b>Repair Status:</b> ${REPSTATUS}",
    InfoWindowHeader: "Sewer Backups",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Start:${BACKUPSTART},End:${BACKUPEND},Repair
Status:${REPSTATUS},Total Gallons Lost:${TOTALGALL}",
    hasDefinitionExpression: false,
    DefinitionExpression: "",
    FilterDays: 0
  }, {
    Key: "sanitaryOverflow",
    DisplayText: "Sewer Overflows",
    LayerURL: "http://arcgis-two-1334003536.us-west-
1.elb.amazonaws.com/arcgis/rest/services/InfrastructureAlertsHostSimple/MapServer/4",
    RippleColor: "#4AA02C",
    isLayerVisible: false,
    defaultTabOpen: false,
    OutFields: "*",
    DateFields: "OVRFLWSTART,OVRFLWEND",
    ListViewFormat: "<b>Start:</b> ${OVRFLWSTART}<br/><b>End:</b>
${OVRFLWEND}<br/><b>Repair Status:</b> ${REPSTATUS}",
    InfoWindowHeader: "Sewer Overflows",
    InfoWindowSize: "330,310",
    InfoWindowFields: "Start:${OVRFLWSTART},End:${OVRFLWEND},Repair
Status:${REPSTATUS},Total Gallons Lost:${TOTALGALL}",
    hasDefinitionExpression: false,
    DefinitionExpression: "",

```

```

        FilterDays: 0
    }}
},

```

SocialMedia: Configurable items for SocialMedia tab

```

{
    Instructions: "<br/><b>Social Media Feeds:</b> <br/> <br/>You can also discover what is  
being said about events and activities happening in and around the City of Naperville by looking  
closer at social media feeds from <b>YouTube, Twitter and Flickr</b>. <br/> <br/><b>Please  
note:</b> <br/> <br/>This information is being provided directly from YouTube, Twitter and Flickr  
sources and is not filtered before being displayed in this application.<br/>",
    MediaSearchAttributes: "TIME,POINTY,POINTX,SEARCHTAG",
    LayerInfo: [{
        Key: "yt",
        DisplayText: "YouTube",
        imageURL: "images/YouTubePin.png",
        mediaDetail: 'Geotaggedvideosfilteredby"${0}"fromYouTube',
        searchTag: "Naperville",
        requireGeometry: true,
        FeedURL: "http://gdata.youtube.com/feeds/api/videos?q=${SEARCHTAG}&max-  
results=50&time=${TIME}&v=2&lr=en&location=${POINTY},${POINTX}&location-  
radius=30mi&alt=json",
        UseUTCDate: false,
        MonthRangeKey: "all_time",
        DayRangeKey: "today",
        DateFormat: "",
        CallbackParamName: "callback",
        FeedAttribute: "feed.entry",
        FeedSource: "content.src",
        FeedTitle: "title.$t",
        FeedID: "id.$t",
        FeedLocation: "georss$where.gml$Point.gml$pos.$t",
        FeedLocationSplit: " ",
        CheckValidFeed: "georss$where",
        CheckHyperLinks: false,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '<div style="text-align:center; margin:0 auto;"><object width="275"  
height="200"><param name="movie" value= ${CONTENT}></param><param  
name="allowFullScreen" value="true"></param><param name="allowsriptaccess"  
value="always"></param><embed src=${CONTENT} type="application/x-shockwave-flash"  
allowsriptaccess="always" allowfullscreen="true" wmode="transparent" width="225"  
height="225"></embed></object></div>'
    }],
    {
        Key: "tw",
        DisplayText: "Twitter",
        imageURL: "images/TwitterPin.png",

```



```

        mediaDetail: 'Geotaggedtweetsfilteredby"${0}"fromTwitter',
        searchTag: "Naperville",
        requireGeometry: true,
        FeedURL:
"https://api.twitter.com/1.1/search/tweets.json?q=${SEARCHTAG}&geocode=${POINTY}%2C${POINTX}%2C30mi&until=${TIME}&count=100&result_type=mixed",
        UseUTCDate: true,
        MonthRangeDays: 4,
        DateFormat: "yyyy-MM-dd",
        FeedAttribute: "statuses",
        FeedSource: "text",
        FeedTitle: "user.name",
        FeedID: "id",
        FeedLocation: "geo.coordinates",
        FeedLocationSplit: ",",
        CheckHyperLinks: true,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '${TITLE}&nbsp;says: <br/>${CONTENT}'
    },
    {
        Key: "fl",
        DisplayText: "Flickr",
        imageURL: "images/FlickrPin.png",
        mediaDetail: 'Geotaggedphotosfilteredby"${0}"fromFlickr',
        searchTag: "Naperville",
        requireGeometry: false,
        FeedURL:
"http://api.flickr.com/services/rest/?method=flickr.photos.search&api_key=404ebea7d5bc27aa5251d1207620e99b&tags=${SEARCHTAG}&min_taken_date=${TIME}&accuracy=6&has_geo=1&extras=date_taken%2Call_extras%2Cgeo%2Cowner_name%2Clicense%2Cco_dims&per_page=500&format=json",
        UseUTCDate: true,
        MonthRangeDays: 30,
        DateFormat: "yyyy-MM-dd",
        hasCustomFeedSource: true,
        CallbackParamName: "jsoncallback",
        FeedAttribute: "photos.photo",
        FeedSource: "http://farm${farm}.static.flickr.com/${server}/${id}_${secret}.jpg",
        FeedTitle: "title",
        FeedID: "id",
        FeedLatitude: "latitude",
        FeedLongitude: "longitude",
        CheckValidFeed: "latitude",
        CheckHyperLinks: false,
        InfoWindowSize: "330,310",
        InfoWindowTemplate: '<div style="text-align:center; margin:0 auto;"><img style="width:275px;height:180px;" src=${CONTENT}>'
    },

```

LocatorSettings: Settings for Locator {

```
    DefaultLocatorSymbol: "images/pushpin.png",
    MarkupSymbolSize: {
        width: 35,
        height: 35
    },
    Locators: [{
        DisplayText: "Address",
        DefaultValue: "971 Sylvan Cir,Naperville,IL,60540",
        LocatorParamaters: ["SingleLine"],
        LocatorURL:
"http://tasks.arcgisonline.com/ArcGIS/rest/services/Locators/TA_Address_NA_10/GeocodeServer",
        CandidateFields: "Loc_name, Score, Match_addr",
        DisplayField: "${Match_addr}",
        ZoomLevel: 7,
        AddressMatchScore: 80,
        LocatorFieldName: 'Loc_name',
        LocatorFieldValues: ["US_Streets", "US_StreetName"]
    }, {
        DisplayText: "Request ID",
        DefaultValue: "152",
        QueryString: "REQUESTID like '%${0}%",
        DisplayField: "${REQUESTID}"
    }]
},
```

MapSharingOptions: Share-URL for TinyURL service, URLs for Media feeds

```
{
    TinyURLServiceURL:"http://api.bit.ly/v3/shorten?login=esri&apiKey=R_65fd9891cd882e2a96b99d4bda1
be00e&uri=${0}&format=json",
    TinyURLResponseAttribute: "data.url",
    FacebookShareURL:
"http://www.facebook.com/sharer.php?u=${0}&t=Public%20Information%20Center",
    TwitterShareURL: "http://twitter.com/home/?status=Public%20Information%20Center' ${0}",
    ShareByMailLink: "mailto:%20?subject=Public%20Information%20Center&body=${0}"
}
});
```