

# Afficher les information d'une couche

- Ouvrir le fichier **web.xml** dans (... \geoserver-x.x-bin\webapps\geoserver\WEB-INF).
- Enlever le commentaire (**<!-- -->**) au niveau de la balise 'context-param' de 'ENABLE\_JSONP'.

```
38 <!--When true the JSONP (text/javascript) output format is enabled -->
39
40 <context-param>
41   <param-name>ENABLE_JSONP</param-name>
42   <param-value>true</param-value>
43 </context-param>
44
45 <!--
46 <context-param>
```

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- Utilisation de deux bibliothèques supplémentaires : jquery.min.

```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- The viewport is the user's visible area of a web page. The viewport varies with the device, We should make sure that web
  pages work well in various screen sizes and orientations.. -->
  <title>Tunisie WFS</title>
  <meta charset="UTF-8">

  <!-- Leaflet css link -->
  <link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css"/>
  <!-- unpkg is a fast, global content delivery network for any file (e.g., js/css) from any package using a URL like:
  unpkg.com/:package@:version/:file -->
  <style> html, body, #map { height: 100%; width: 100%; } </style>
</head>
</head>
<body>
  <div id="map"></div>
</body>
</html>
<!-- in HTML5, scripts could be set after closing the html tag -->
```

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```

<!-- leaflet js link -->
<script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js"></script>
<!-- jquery link. jQuery is a lightweight JavaScript library. it wraps many js tasks into methods that you can call with a
single line of code. -->
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script>
var fondOSM = L.tileLayer('http://{s}.tile.osm.org/{z}/{x}/{y}.png');
var mymap = L.map("map", { center: [35, 10], zoom: 6, layers:[fondOSM] });
var wfsurl =
"http://localhost:8080/geoserver/wfs?service=wfs&version=2.0.0&request=GetFeature&typeName=w
kspac:TUN_adm1&outputFormat=application/json";
$.getJSON (wfsurl)           // jquery uses the dollar sign as a shorthand to access its functions. getJSON loads
                             // JSON-encoded data from the server request.
.then((res) => {              //then call the response of getJSON (res). Using this response we are going to
                             // create a layer (a GeoJSON layer using L.geoJson)

var layer = L.geoJson (res, {
  onEachFeature: function(feature, lyr) {           //The onEachFeature option is a function that gets called on
                                                      // each feature before adding it to a GeoJSON layer. A common
                                                      // reason to use this option is to attach a popup to features
                                                      // when they are clicked.

    lyr.bindPopup(' Nom gouvernorat : ${feature.properties.NAME_1}')
  }
})
layer.addTo(mymap);
});
</script>

```

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## Afficher les information d'une couche

- **Probleme de CORS policy** (from origin 'null' has been blocked by CORS policy: No 'Access-Control-Allow-Origin' header is present on the requested resource).
- 2 solutions :
  - Installer l'extension 'Allow CORS: Access-Control-Allow-Origin' dans Google Chrome (<https://chromewebstore.google.com/detail/allow-cors-access-control/lhobafahddgcellfkeicbaginigeijlf>). Activer l'extension (n'oubliez pas de la désactiver apres avoir terminé le test de votre application).
  - Voir rubrique 'Enable CORS' dans : <https://docs.geoserver.org/latest/en/user/production/container.html>

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