**Sending XML Payload and Converting XML Response to JSON with Node.js**

Here is the quick Node.js example of interacting with a rest API endpoint that takes XML string as a payload and return with XML string as response. Once we get the response, we will convert it to a JSON object.

For this example, we will use the old-school [QAS (Quick Address Search)](https://ws.ondemand.qas.com/ProOnDemand/V3/ProOnDemandService.asmx). Although [Experian](https://www.experian.com/small-business/address-validation) moved to a more modern endpoint [EDQ (Experian Data Quality)](https://www.experian.co.uk/blogs/latest-thinking/data-and-innovation/making-the-move-experian-qas-to-experian-data-quality/), the endpoint is still available. Note that you need to sign up for a license. The purpose of this post is just to show how to interact with a rest API that uses XML. You can use this example for your own use case.

Firs of all, we use two dependencies, [axios](https://www.npmjs.com/package/axios) for making API calls and [xml2js](https://www.npmjs.com/package/xml2json) for converting xml string to JSON. Make sure that the xml string doesn’t contain any new line.

<pre>

npm i axios xml2js

</pre>

Then, you can pass xml as a string in the payload. When the response comes back as a xml string, you can convert it to JSON.

<script src="https://gist.github.com/mydatahack/a1036bc23da3451db9f6ad50001a0de0.js"></script>

That’s it. Pretty easy!