

## VelocityReport Plugin - Feature #1586

### Velocity Servoy Plugin server xml response format

08/24/2023 07:59 PM - Anton Serov

|  |                                  |
|--|----------------------------------|
| <b>Status:</b> Rejected  | <b>Start date:</b> 08/24/2023    |
| <b>Priority:</b> High  | <b>Due date:</b>                 |
| <b>Assignee:</b>   | <b>% Done:</b> 0%                |
| <b>Category:</b>   | <b>Estimated time:</b> 0.00 hour |
| <b>Target version:</b>   |                                  |
| <b>Browser (if web client):</b>  |                                  |
| <b>Description</b>   |                                  |
| Hi   |                                  |
| Is there way to control XML serialization process for Response contextObject? (ResponseObject = plugins.Velocity.createResponse(contextObject, [template], [inline]))                  |                                  |
| We need to serialize Javascript object properties to XML attributes (Not to XML Elements)<br>We also need to remove "context" root XML element.  |                                  |
| Current XML for Javascript object:<br><?xml version="1.0" encoding="UTF-8"?><br><context><br><JMF><br><type>SubmissionMethods</type><br><version>2.0</version><br></JMF><br></context> |                                  |
| Desired XML Response:<br><?xml version="1.0" encoding="UTF-8"?><br><JMF type="SubmissionMethods" version="2.0"><br></JMF>  |                                  |

#### History

#1 - 08/24/2023 09:11 PM - Patrick Talbot

- Tracker changed from Defect to Feature

- Status changed from New to Rejected

There's no way to control the xml serialization process, which is using a simple translation from JavaScript object to JSON to XML, based on the org.json library.

However, I suppose you could create a xml template which would contain something like this:

```
var template = '<?xml version="1.0" encoding="UTF-8"?>\n<JMF #if($type) type="$type" #end #if($version) version="$version" #end>\n</JMF>';
```

Then push the needed variable in your context:

```
var context = { type: "SubmissionMethods", version: "2.0" };  
var ResponseObject = plugins.Velocity.createResponse(context, template);
```

A bit tedious depending on the size and number of elements/attributes you need, but that would give you the result you want...