

Support for custom Validation and mandatory messages with multilingual support

1. There is a file provided with name `iformCustomMsg.js` at locations `components\viewer\resources\en_us\scripts`, `components\viewer\resources\ar\scripts`, `components\viewer\resources\ar_sa\scripts`, `components\viewer\resources\es_do\scripts`. This file will be used to provide custom messages for validations for different controls. You have to make changes and copy the file in `processSpecific.war` and inside the `webdesktop.war`
2. If you want the same messages for different locale then you have to copy the same file at the given locations.
3. Let's there is a control with ID as "code". So in order to change different validation messages. Please follow the given steps.
Initial Structure of `iformCustomMsg.js`:

```
if(!customMsgJSON){  
  var customMsgJSON = {
```

```
  };  
}
```

4. In `iformCustomMsg.js`, you have to define a key with id of the control inside `customMsgJSON` variable and value will be a JSON Object.

```
var customMsgJSON = {  
  "code": {}  
};
```
5. Inside JSON Object, in order to change mandatory message you have to add a key value inside the control JSON object with key as "MAND_MSG" and value as your custom message.

```
var customMsgJSON = {  
  "code": {"MAND_MSG": "custom message"}  
};
```

Now the custom message will be shown on mandatory validation.

6. In the same way you can change the various validations for a controls by adding different key value pairs.
7. Here are the Keys for different validation messages:
`CORRECTVAL_MSG` – when the entered value is not valid.
`FLOATCORRECTVAL_MSG` – for float fields, when the entered data length before decimal is greater than the range.
`PRECISION_MSG` - for float fields, when the entered data length after decimal is greater than the precision.
`BETWEENVAL_MSG` – for integer and long fields when the entered data range is greater than the variable max value and less than min value.
`CUSTOMPATTERN_MSG` – for fields where the entered data is not according to custom pattern as well as validations like numbers are not allowed, spaces are not allowed etc.
`MINMAX_MSG` – For message which is shown when custom min max conditions are not met.
If you don't want to set message individually for validations apart from mandatory message, one can define a message with key as "GENERAL_MSG", then if required key for given validation message is not defined then the general validation message with

“GENERAL_MSG” key will be shown.

Ex :

```
var customMsgJSON = {  
  “code”:{“MAND_MSG” : “custom message”, “MINMAX_MSG” :” Min max  
message”, “GENERAL_MSG” :” general validation message”},  
  “country”:{“MAND_MSG” : “custom message 1”, “CUSTOMPATTERN_MSG” :”  
custom pattern message”, “GENERAL_MSG” :” general validation message 1”}  
};
```

8. If you haven't defined any custom message, then the default product messages will be shown.