

Drop down from Environment Variables and Validation of Surname Field

Step 1

Step 1: Do drop down for Cities

Create an env called

=cities

value

Pretoria|Pretoria,Kwekwe|Kwekwe,Cape Town|CapeTown

Step 2

Script to get the values

```
var citiesList = tw.env.cities;
```

```
var rows = citiesList.split(",");
```

```
for(var x=0; x< rows.length; x++)
```

```
{
```

```
    var columns = rows[x].split("|");
```

```
    tw.local.cities[x] = {};
```

```
    tw.local.cities[x].name =columns[0];
```

```
    tw.local.cities[x].value=columns[1];
```

}

Step 3

---map it on the single select control

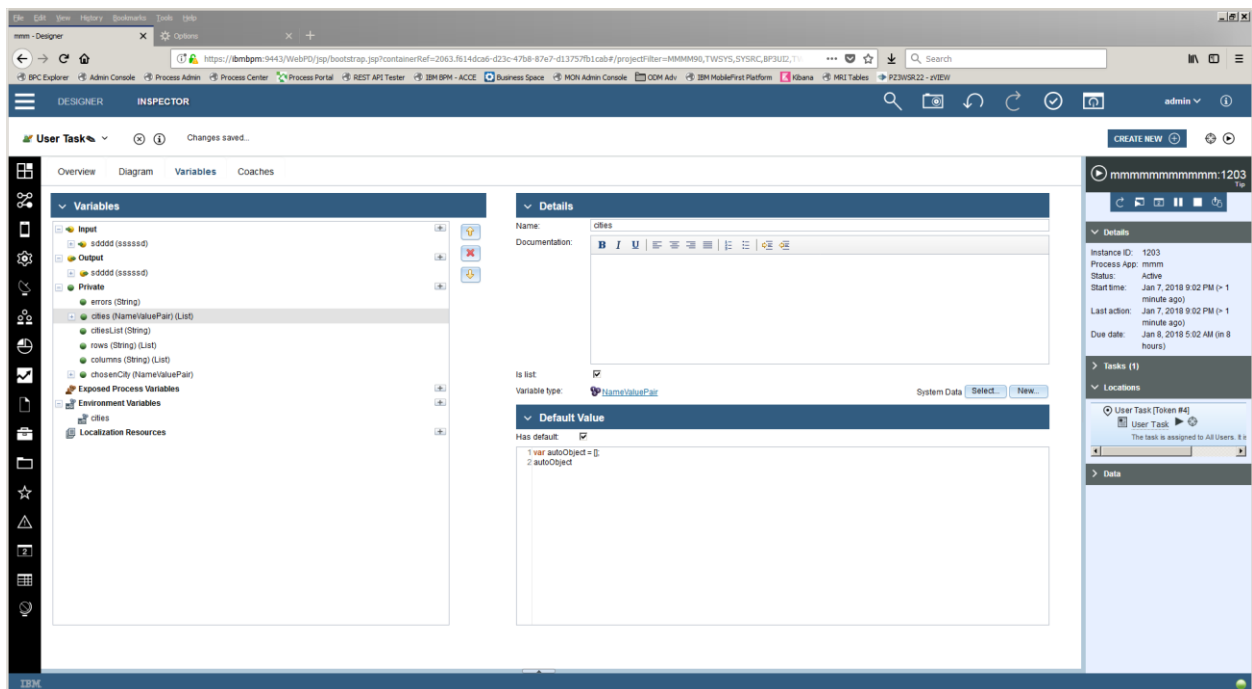
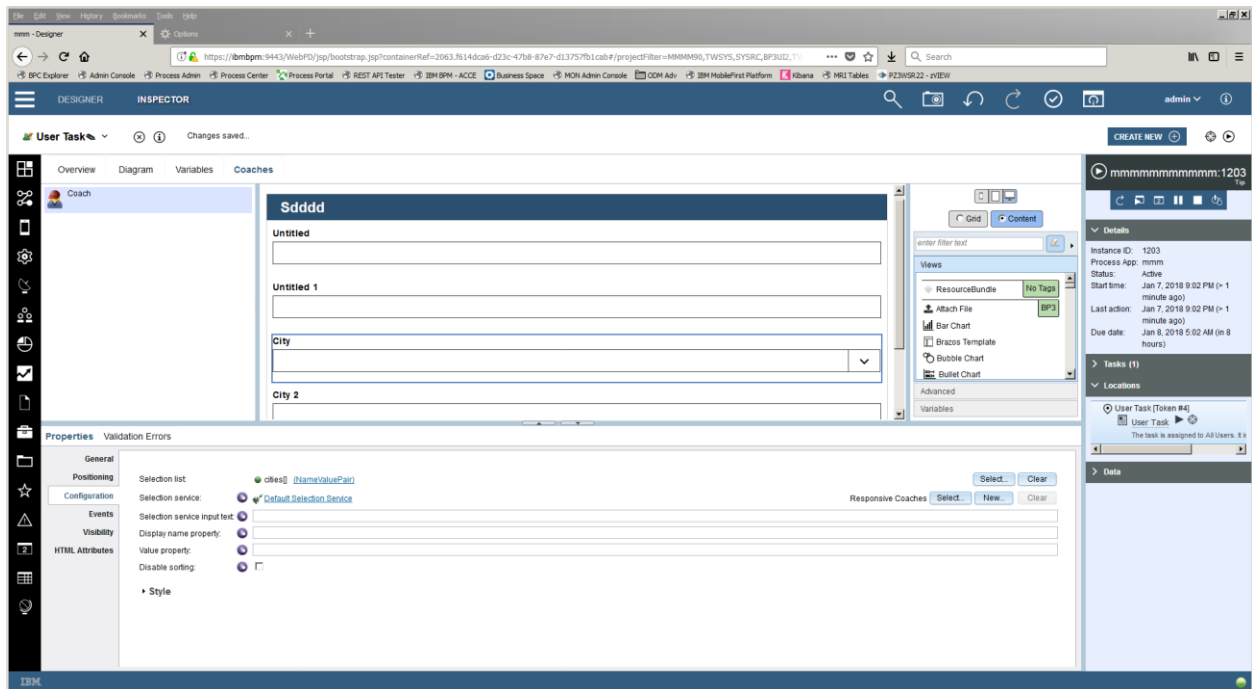
The screenshot displays the IBM BPM Designer interface. The main workspace shows a process diagram with the following steps: Start, Retrieve Town List, Coach, Client-Side Script, and an Exclusive Gateway. The Exclusive Gateway has two outgoing paths: 'To End' and 'To Client-Side Script'. The 'To Client-Side Script' path leads to a 'Client-Side Script' task, which then leads to an 'End' node. The 'Properties' panel on the left is open to the 'Script' tab, showing the following JavaScript code:

```
1
2 var citiesList = towns.cities;
3 var rows = citiesList.split(",");
4
5 for(var x=0; x< rows.length; x++)
6 {
7     var columns = rows[x].split(",");
8     local cities[x] = {};
9     local cities[x].name = columns[0];
10    local cities[x].value = columns[1];
11 }
12
13
```

The right-hand panel shows the 'Details' tab for the process instance, displaying the following information:



- Instance ID: 1203
- Process App: mmm
- Status: Active
- Start time: Jan 7, 2018 9:02 PM (+ 1 minute ago)
- Last action: Jan 7, 2018 9:02 PM (+ 1 minute ago)
- Due date: Jan 8, 2018 5:02 AM (in 8 hours)

The 'Tasks (1)' tab shows a single task: 'User Task (Open #4)'. The 'Locations' tab shows the task is assigned to 'All Users'. The 'Data' tab is currently empty.




Run User Task - Mozilla Firefox


FileEditViewHistoryBookmarksToolsHelp




https://ibmbpm:9443/teamworks/debugcf?locale=en&attachPt=INSWidgetID&containerRef=2063.f614dca6-...

...







Sdddd

Untitled

Surname

City

Cape Town

▼

Cape Town

Kwekwe

Pretoria

OK

Validation , add a script to add the following:

Add a script after the coach with the following logic

This script will block submission of a coach if the surname field is not populated

// This JavaScript will run within the browser and must use the client-side JavaScript syntax supported by the browser. For example,

```
// - To instantiate a complex object:
// - To instantiate a list:
```

```
// tw.local.customer = {};  
tw.local.addresses = [];
```

```
// tw.local.customer.name = "Jane";
tw.local.addresses[0] = {};
```

```
tw.system.coachValidation = {};
```

```
tw.system.coachValidation.validationErrors = [];
```

```
tw.local.errors = false;
```

```
//block submission if account number is not populated
```

```
if(tw.local.sdddd.Surname== null || tw.local.sdddd.Surname== "")
```

 $\{$

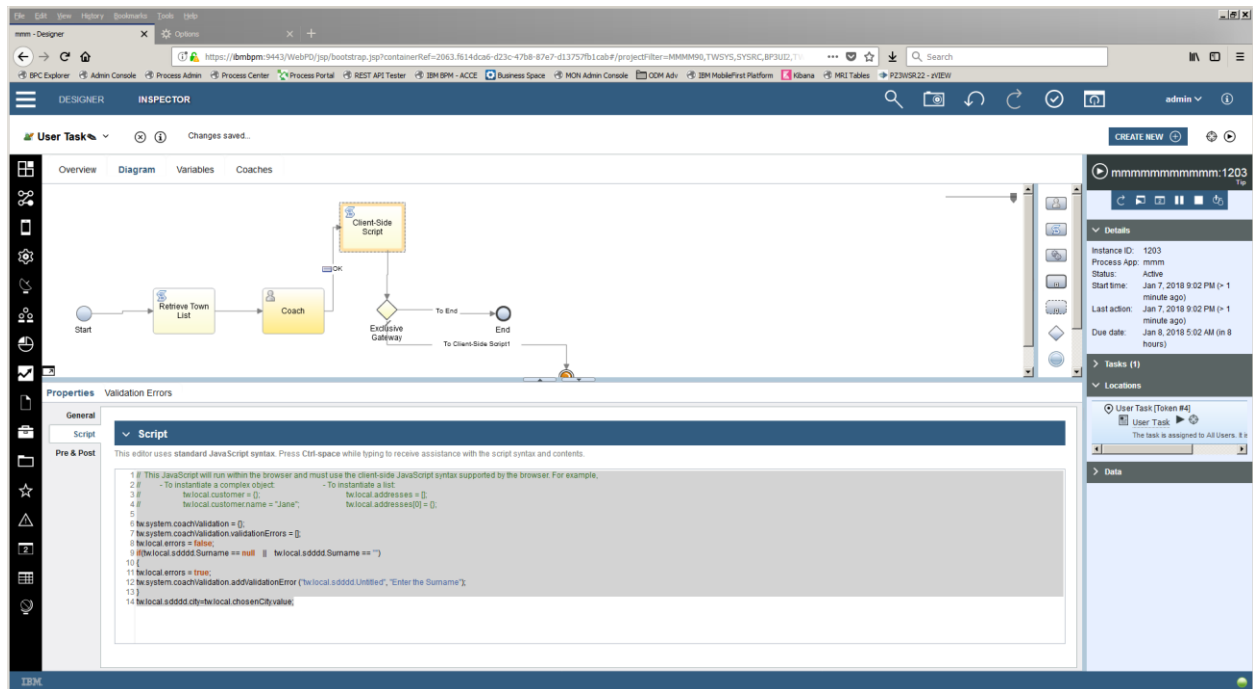
```
tw.local.errors = true;
```

```
tw.system.coachValidation.addValidationError("tw.local.sdddd. Surname", "Enter the Surname");
```

}

- put a decision point with value below just after the script ,

1. Add a "Stay on PAge" intermediate component from the pallet
2. if boolean is true continue to end of Human Service else go to the "Stay on Page"
3. Put this script on the decision point `tw.system.coachValidation.validationErrors.length==0`



```

// This JavaScript will run within the browser and must use the client-side
// JavaScript syntax supported by the browser. For example,
// - To instantiate a complex
object:                                - To instantiate a list:
//                                     tw.local.customer =
{};

        tw.local.addresses = [];

//                                     tw.local.customer.name =
"Jane";                                tw.local.addresses[0] = {};

tw.system.coachValidation = {};
tw.system.coachValidation.validationErrors = [];
tw.local.errors = false;
if(tw.local.sdddd.Surname == null    ||    tw.local.sdddd.Surname == "")
{
tw.local.errors = true;
tw.system.coachValidation.addValidationError ("tw.local.sdddd. Surname ",
"Enter the Surname");
}
  
```

mm - Designer

https://bmbpm:9443/webapi/jsp/bootstrap.jsp?containerRef=2063.Rs14dcab-d23c-47b8-8767-d13757b1cab&projectFilter=MMMMMM,TWYSYS,SYSRC,BP302,1

DESIGNER INSPECTOR

User Task Changes saved..

Overview Diagram Variables Coaches

```
graph LR; Start((Start)) --> RetrieveTownList[Retrieve Town List]; RetrieveTownList --> Coach[Coach]; Coach --> ClientSideScript[Client-Side Script]; ClientSideScript --> ExclusiveGateway{Exclusive Gateway}; ExclusiveGateway -- "To End" --> End((End)); ExclusiveGateway -- "To Client-Side Script1" --> StayOnPage((Stay on page));
```

Properties Validation Errors

General Implementation Pre & Post

Decisions

Decision	Condition	Action
To End	<code>!w.system.coach.validation.validationErrors.length==0</code>	NONE
Default flow		To Client-Side Script1

mmmmmmmmmm: 1203

Details

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Tasks (1)

Locations

User Task (Open #4)

User Task

The task is assigned to All Users. It is

Data

Testing

Run User Task - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://ibmbpm:9443/teamworks/debugcf?locale=en&attachPt=INSWidgetID&containerRef=2063.f614dca6-...

Sdddd ⚠

Surname

Enter the Surname

City

Cape Town

City 2

CapeTown

OK

T