

LAB 1 - CREATING MOBILE RESPONSIVE FORMS WITH QRULES LOADRESOURCE COMMAND

OVERVIEW

This document details how to use qRules' **LoadResource** command to make your forms look responsive on mobile.

BEFORE YOU START

- This lab assumes that you already have deployed a working version of the Expense Report. If not, please follow the **Expense Report Deployment Guide.doc**.
- In this Lab, we will use a CSS file that is already customized to load the Expense Report's view in a responsive format. If you want to know the contents of the CSS file, right click styles.css and open in Notepad. Here's a preview:

```
/* Container widths */
table {
    width: 100% !important;
}

col {
    width: 100% !important;
}

/* Custom column widths */
col.seven_col {
    width: 7% !important;
}

col.ten_col {
    width: 10% !important;
}

col.fifteen_col {
    width: 15% !important;
}

col.twenty_col {
    width: 20% !important;
}

col.thirty_col {
    width: 30% !important;
}

.xdSection {
    width: 100% !important;
}

.xdRepeatingSection.xdRepeating {
    width: 100% !important;
}
```

```

/* Buttons */
input[type="button"] {
    background-color: #870032;
    -moz-border-radius: 10px;
    -webkit-border-radius: 10px;
    border: 5px solid #870032;
    padding: 5px !important;
    color: #fff;
    width: auto;
    height: auto !important;
    white-space: normal;
    padding-left: 2% !important;
    padding-right: 2% !important;
    margin-left: 1% !important;
    margin-right: 1% !important;
}

/* Form Title */
h1 {
    FONT-SIZE: 24pt;
    FONT-FAMILY: Palatino Linotype;
    WHITE-SPACE: normal;
    COLOR: #524733 !important;
    letter-spacing: 4pt;
}

/* Table Headers */
td.xdHeadingCell {
    background-color: #524733 !important;
}

```

```

/* Buttons */
input[type="button"] {
    background-color: #870032;
    -moz-border-radius: 10px;
    -webkit-border-radius: 10px;
    border: 5px solid #870032;
    padding: 5px !important;
    color: #fff;
    width: auto;
    height: auto !important;
    white-space: normal;
    padding-left: 2% !important;
    padding-right: 2% !important;
    margin-left: 1% !important;
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/* Form Title */
h1 {
    FONT-SIZE: 24pt;
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    COLOR: #524733 !important;
    letter-spacing: 4pt;
}

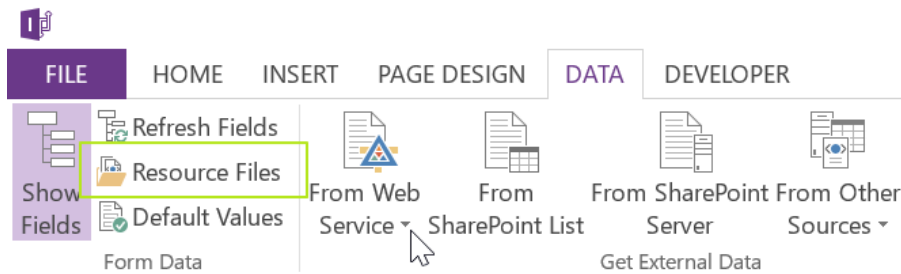
/* Table Headers */
td.xdHeadingCell {
    background-color: #524733 !important;
}

```

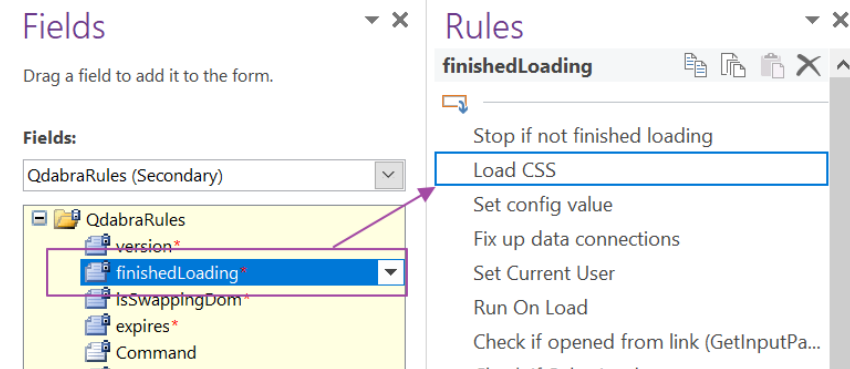
Ready to load this CSS in our form? Follow the next section.

ADD THE LOAD RESOURCE COMMAND

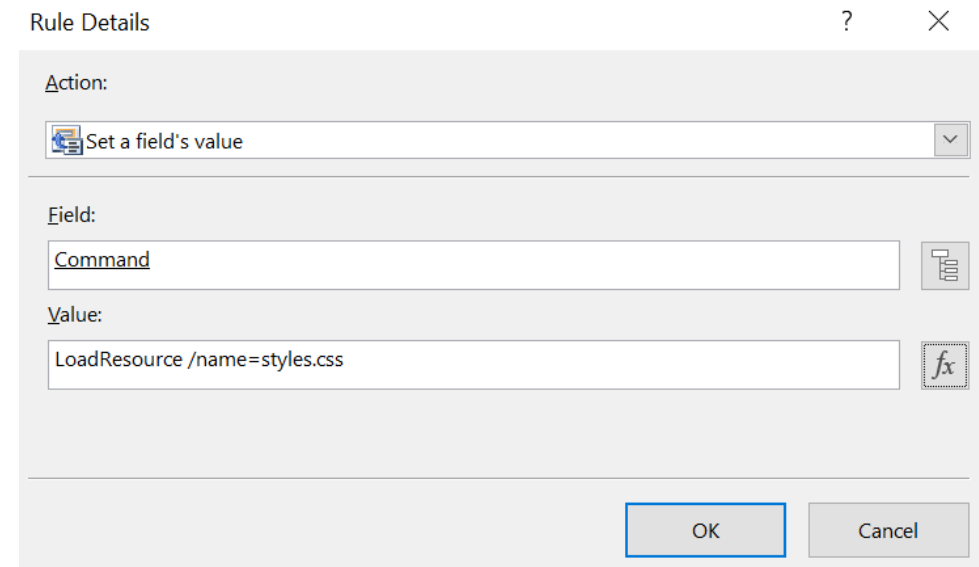
1. Open FormsViewer and locate the Expense Report template file.
2. Click **Download**.
3. Open the form template in InfoPath Designer.
4. Click on **Data** tab.



5. Click **Add**.
6. Locate the Styles.css file included in this Lab and add it as a resource file.
7. Open **QdabraRules (Secondary)** data source from the **Fields** task pane and select the **finishedLoading** node.
8. Add a second rule and name it **Load CSS**.



9. Add an Action to **Set a fields value**. Set the qRules **Command** node to LoadResource /name=styles.css

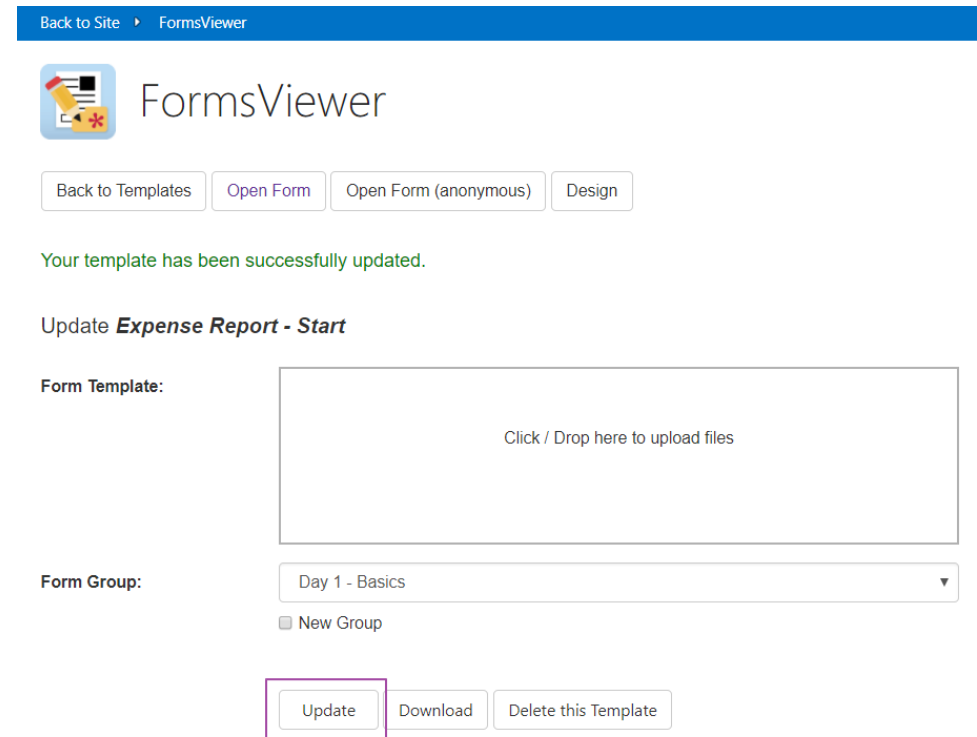


10. Click OK.

11. Save the changes to the XSN.

UPDATE THE FORM TEMPLATE IN FORMSVIEWER

1. Open Expense Report form template in FormsViewer.
2. Browse to the location of the updated form template and click Update.



The screenshot shows the FormsViewer web application interface. At the top, there is a blue navigation bar with the text "Back to Site" and "FormsViewer". Below this is a header section with a document icon and the title "FormsViewer". A row of buttons includes "Back to Templates", "Open Form" (highlighted with a purple border), "Open Form (anonymous)", and "Design". A green message states "Your template has been successfully updated." Below this, the text "Update **Expense Report** - Start" is displayed. The "Form Template:" section features a large rectangular area with the text "Click / Drop here to upload files". The "Form Group:" section has a dropdown menu currently set to "Day 1 - Basics" and a checkbox for "New Group". At the bottom, a row of buttons includes "Update" (highlighted with a purple border), "Download", and "Delete this Template".

3. Click Open and see the **LoadResource** command in action!



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Expense Report

NAME Jo-Anne Alfafara	MANAGER Kaoru Okumura	ACCOUNTING MANAGER Janice Kutzera
REPORT DATE 3/26/2018	BUSINESS PURPOSE * 	

EXPENSE ITEMS					FROM:	TO:
CATEGORY *	DATE *	DESCRIPTON	MERCHANT	RECEI PT	AMOUNT	*
 Select...						
SUBTOTAL					\$0.00	
LESS CASH ADVANCE					\$0.00	
TOTAL					\$0.00	

Submit

CONTACT INFORMATION

Qdabra Software
218 Main Street,
Suite 731,
Kirkland, WA 98033

Phone: 877.544.2389
Email: Support@Qdabra.com
Website: <http://www.qdabra.com>
Community: <http://www.infopathdev.com>