



RELATIVITY FEST CHICAGO, IL

OCT 20-23, 2019

Relativity Forms APIs



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Find your favorite speakers, view your agenda, connect with new friends, and more. Look for the Relativity Fest app in the App Store or Google Play.



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Agenda

- Relativity Forms Overview
- Relativity Forms Technology Changes
- Deeper Into Relativity Forms
- Example: RDO Conversion
- Q & A



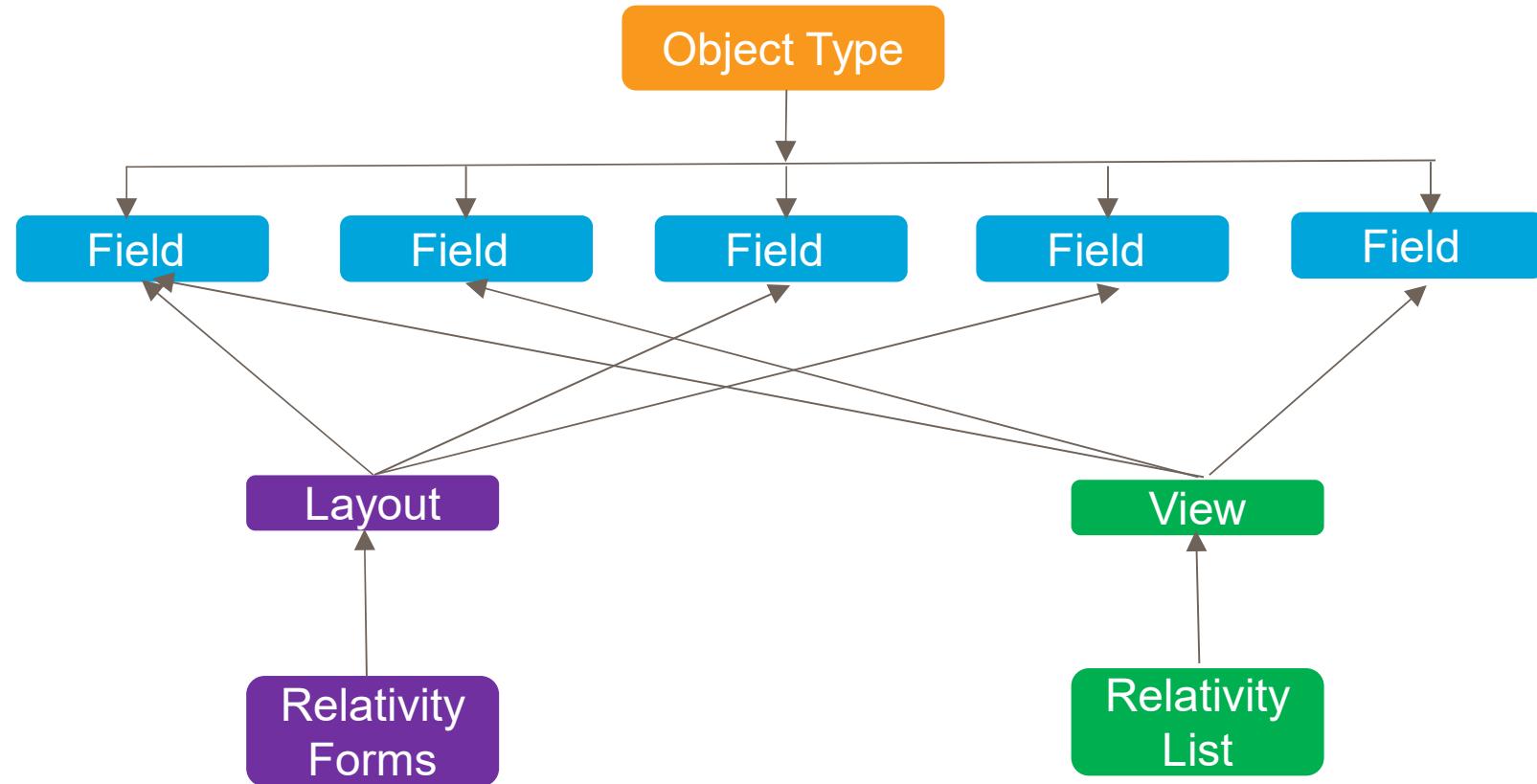
Product Overview

Relativity Forms is our new layout rendering engine with first-class JavaScript APIs.

Why Is It important?

- Integration with our design system
- Part of our overall strategy to modernize our architecture
- Better development experience

Relativity Object Model Fundamentals



Relativity Forms

One | Justin Dougherty

Documents Workspace Admin Entities Justin External Tab Processing Indexing & Analytics Imaging & OCR Scripts Search Terms Reports Reporting Production Fest Object

Fest Object Layout Save and Previous Save Save and Next Save and New Save and Back Cancel Record 1 of 1 < > >>

Object Information

Name:	Case Overview	Artifact ID:	1054231
Date Field:	10/25/2019	Yes/No:	<input checked="" type="checkbox"/>
Users:	Dougherty, Justin	Long Text Field:	This is a long text field. This is a
File Field:	image (1).png	Fixed Length Field:	This is short text
Single Choice Field:	Responsive	Single Object Field:	Add
Multi Choice Field:	<input type="checkbox"/> Medical <input type="checkbox"/> Legal <input checked="" type="checkbox"/> HR <input checked="" type="checkbox"/> Benefits	Multi Object Field:	Select... Add

Data

Currency:	150.00	Whole Number Field:	14356
Decimal Value:	12.40	System Created By: Dougherty, Justin	
System Created On:	10/2/2019 9:32:27 AM CDT	System Last Modified By:	Dougherty, Justin
System Last Modified On:	10/2/2019 9:33:40 AM CDT	#RELATIVITYFEST	

Toggling Relativity Forms

- New property on Object Type: Use Relativity Forms
- Default behavior controlled by DefaultUseRelativityFormsValue Instance Setting. Its default value is false.

Object Type Information

Name:	Foo
Parent Object Type:	Workspace
Dynamic:	Yes
Enable Snapshot Auditing On Delete:	Yes
Pivot:	Enabled
Sampling:	Enabled
Lists:	Disabled
Use Relativity Forms:	Yes
Copy Instances On Workspace Creation:	No
Copy Instances On Parent Copy:	No
Relativity Applications:	[...]

What's Different About Relativity Forms?

- Built with a Single Page Application architecture
 - More interactive user experience
- Introduction of Relativity Forms API
- Changes to Event Handlers that modify the UI
 - Page Interaction Event Handlers are created and are loaded differently
 - Console Event Handlers do not fire. Consoles are created from within PIEH
 - Various other changes
- Many enhancements to improve the look and feel of the page

Will You Need to Update Your Application to Support Relativity Forms?

No

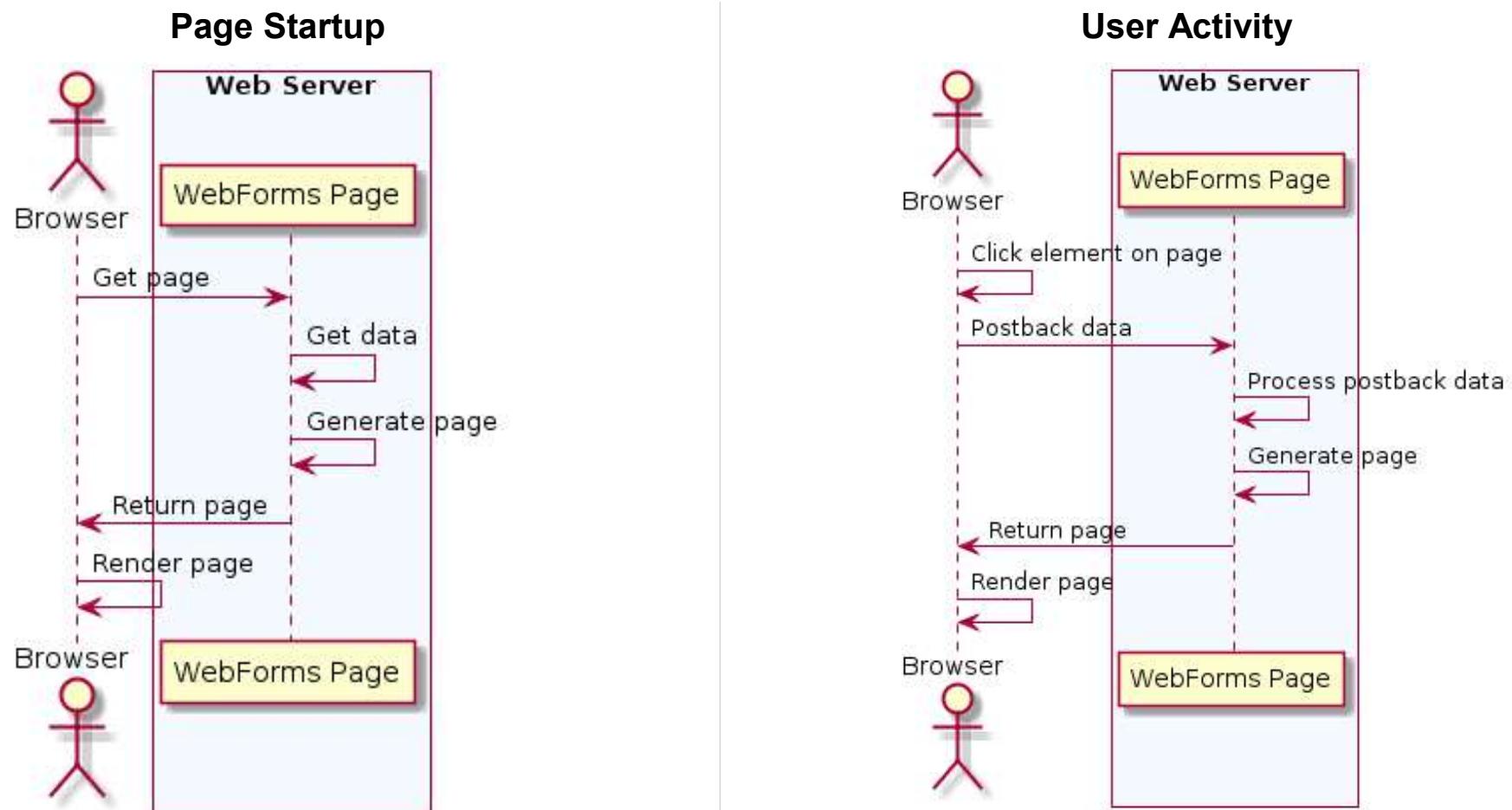
- Your application only uses built-in features available to a forms page
 - Layouts still drive the display of the page and all Layout elements are supported, including child lists
 - All action bar actions are fully functional out of the box – buttons, changing layouts, etc...
 - Object Rules are respected
- Your application uses only the following Event Handlers on your Object Types:
 - PreLoad, PreSave, PostSave, PreDelete

Yes

- Your application contains Console or Page Interaction Event Handlers
- Your layouts include HTML-enabled or Layout Text fields and they modify content elsewhere on the page
- You use PreLoad Event Handlers to supply default values
- You display messages with HTML or JavaScript content as part of PreLoad/PreSave/PostSave Event Handlers
- You use the RedirectToLayout PostExecuteAction

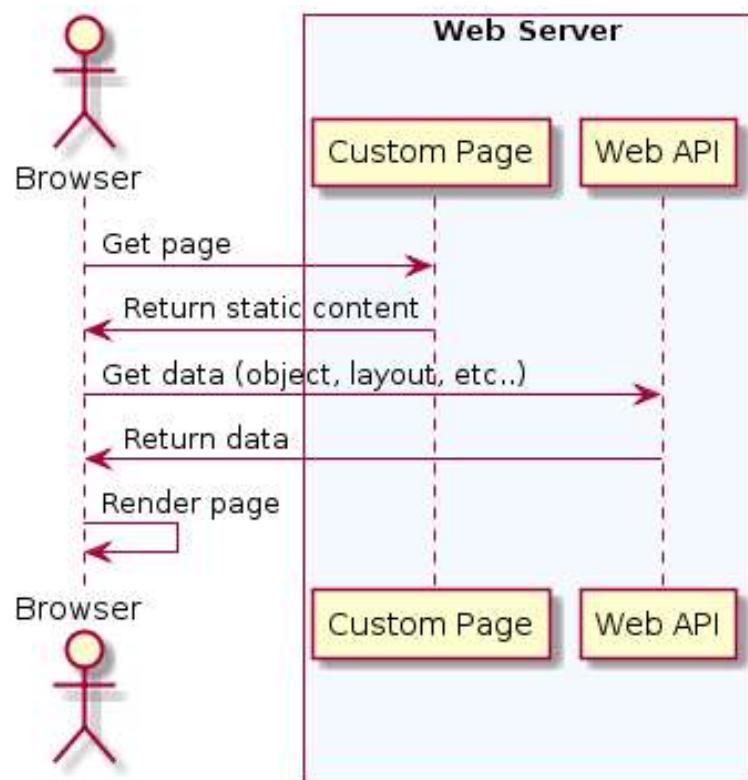
Relativity Forms Technology Changes

Classic Forms Architecture

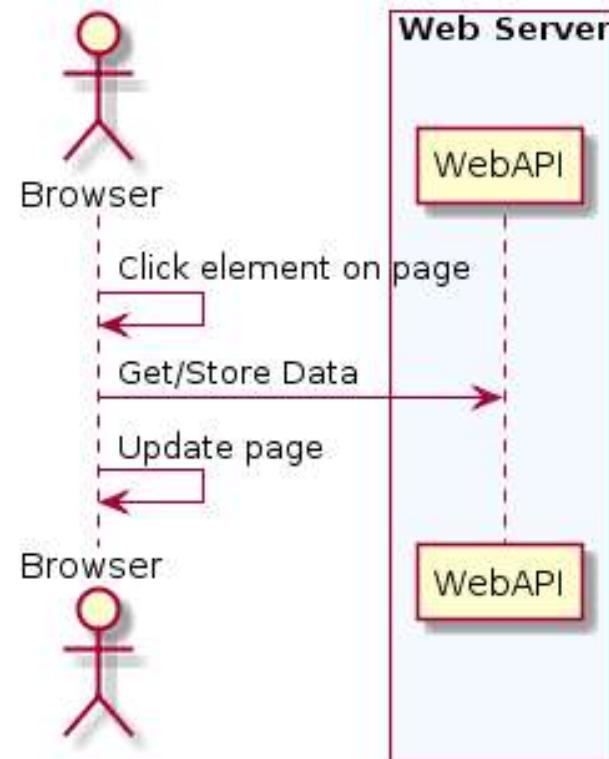


Relativity Forms Architecture

Page Startup



User Activity



A Peek Behind the Curtain: Relativity Forms Technology Stack



Fuse.js



jspm.io



Relativity Web Components



choices.js

PageInteractionEventHandler Changes:

Classic:

```
0 references
public class MyPageInteractionEventhandler : PageInteractionEventHandler
{
    2 references
    public override Response PopulateScriptBlocks()
    {
        //Create a response object with default values.
        kCura.EventHandler.Response retVal = new kCura.EventHandler.Response() { Success = true };
        String alert = "<script type='text/javascript'> alert('My JavaScript fired!');</script>";
        this.RegisterStartupScriptBlock(new kCura.EventHandler.ScriptBlock() { Key = "alertKey", Script = alert });
        return retVal;
    }
}
```

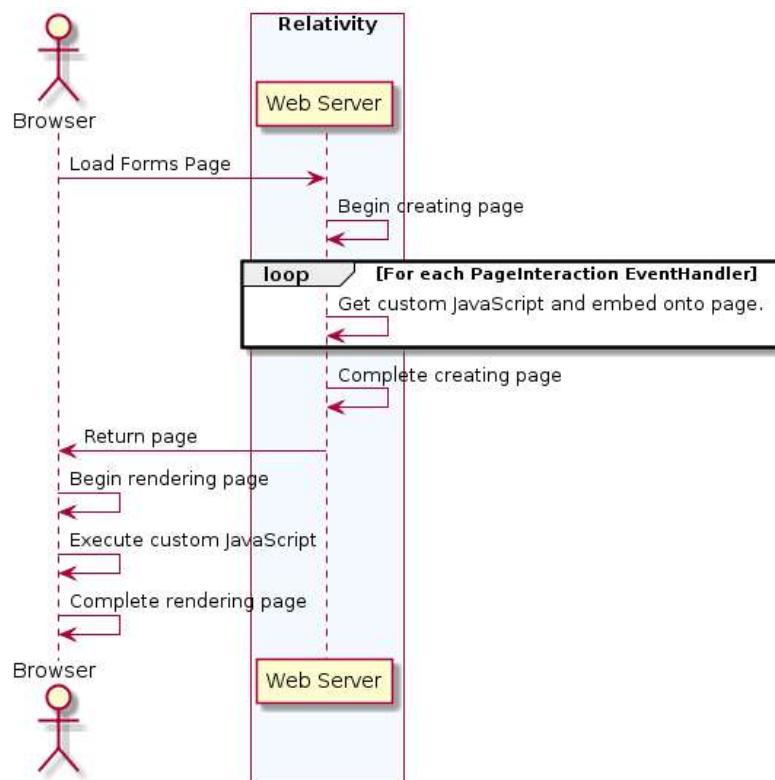
Relativity Forms:

```
0 references
public class MyPageInteractionEventhandler : PageInteractionEventHandler
{
    2 references
    public override Response PopulateScriptBlocks()
    {
        return new Response();
    }

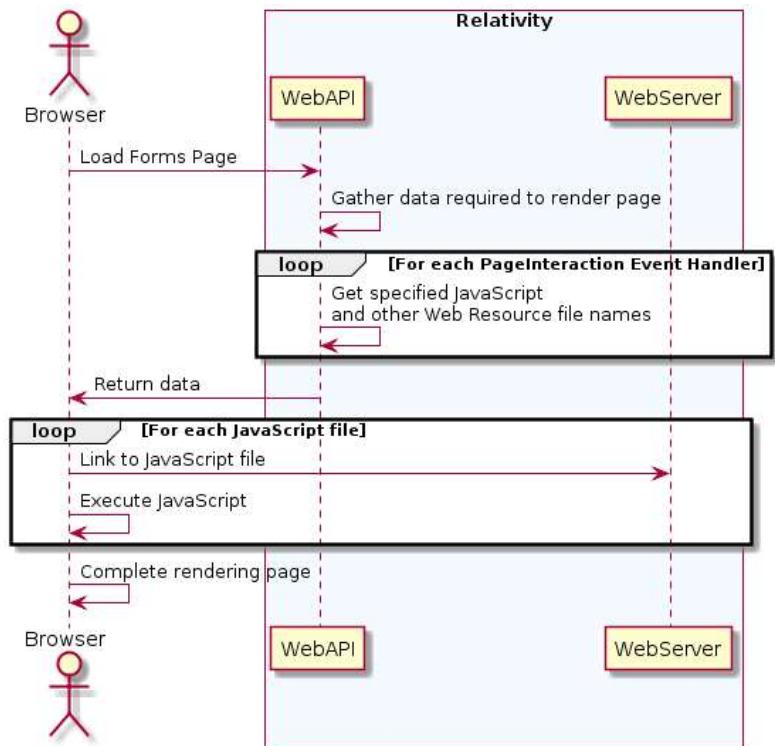
    1 reference
    public override string[] ScriptFileNames => new string[] { "fireAlert.js" };
}
```

Changes to How JavaScript is Loaded

Classic

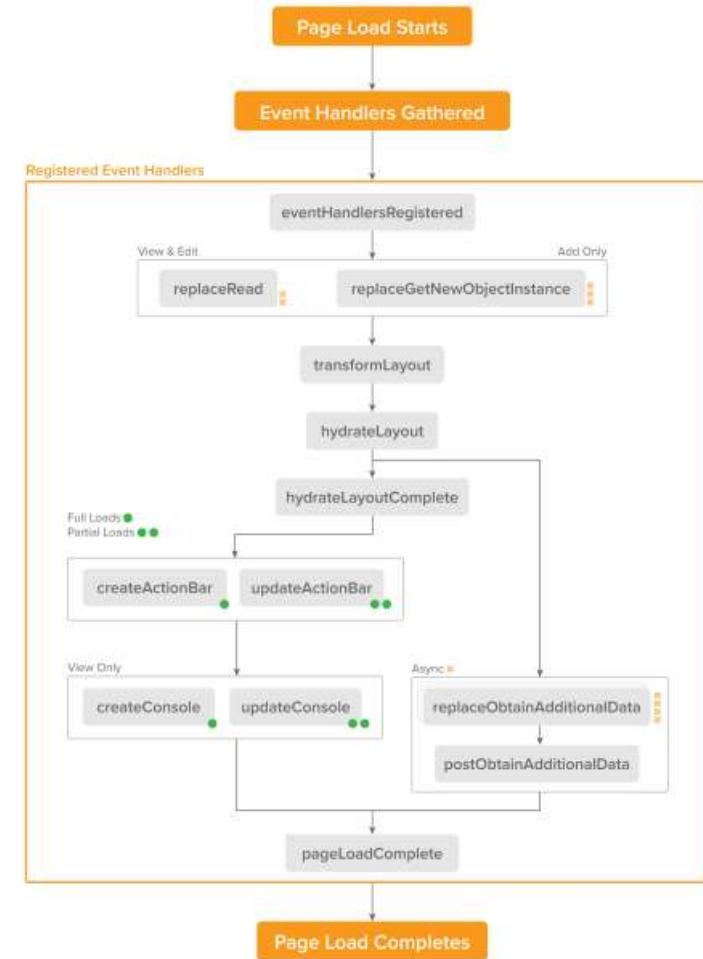


Relativity Forms



Relativity Forms API

- JavaScript API that allows customization of Forms page
 - Manipulate nearly all the content on the page – categories, fields, consoles, action bar buttons, lists, etc...
 - Create consoles
 - Implement common patterns and best practices, like calling Kepler services and launching modals
 - Well-defined pipelines with over two dozen page-level events that you can hook into

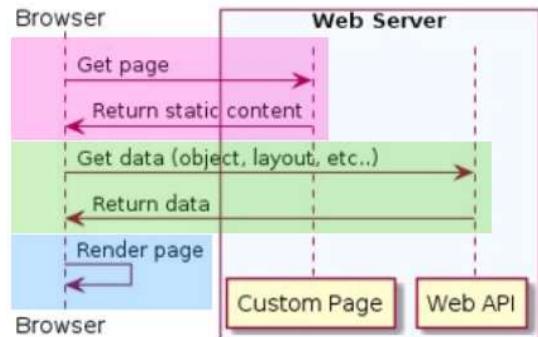


Deeper Into Relativity Forms

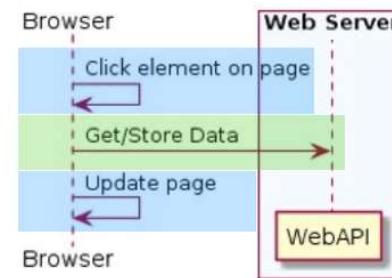
Main Parts of Relativity Forms

- Relativity Forms Application
- FormViewModel
 - Metadata
 - State
 - Rendering
- PipelineManager
 - Supply data
 - Control life cycle

Page Startup



User Activity



Application PipelineManager FormViewModel

Pipelines: The Workflows You Can Tailor

- Load
 - Full or partial
- Change
 - Response to Field value change
- Submit
 - Create and update
- Delete
 - Current object and child object list items
- Item List
 - Setup columns and actions, handle reload

Relativity Forms API

- Event-specific parameters
- The "this" binding
- eventNames
- convenienceApi

Relativity Forms convenienceApi

- Field and static text manipulation
- Markup generators for action bars and consoles
- Http client
- i18n Internationalization
- Stock and custom modals
- Relativity Forms and general popup windows
- Validation Helpers
- Promise factory
- And more

Example

Conversion of a Simple RDO to Relativity Forms

Simple Object Type

- **PageInteractionEventHandler:**

One Field shown or hidden based upon another's value

JavaScript computing a status summary based upon field values, alters a static text in edit mode

Summary generation shared on window for use in ConsoleEventHandler in view mode

- **ConsoleEventHandler:**

Shared summary generation used in an alert fired by the Console button

View Mode:

Contain Yourself Application Admin Workspace Admin Test RF Features
Contain Yourself Layout Edit Delete Back Edit Permissions View Audit Record 1 of 3

Contain yourself

Name: Calm Carla Contain Enthusiasm: Ok, I will.
Current Enthusiasm: 100 Maximum Enthusiasm: 400

Contain yourself



Edit Mode:

Contain Yourself Application Admin Workspace Admin Test RF Features
Contain Yourself Layout Save Save and Next Save and New Save and Back Cancel Record 1 of 3

Contain yourself

Name: Calm Carla Contain Enthusiasm: Ok, I will. No, I cannot.
Current Enthusiasm: 100 Maximum Enthusiasm: 400

Calm Carla could still be more enthusiastic.

Contain Yourself Application Admin Workspace Admin Test RF Features
Contain Yourself Layout Save Save and Next Save and New Save and Back Cancel Record 1 of 3

Contain yourself

Name: Calm Carla Contain Enthusiasm: Ok, I will. No, I cannot.
Current Enthusiasm: 100

Calm Carla is brimming with unbridled enthusiasm!

Page Interaction EventHandler

Classic:

```
using System;
using kCura.EventHandler;

namespace Classic
{
    [kCura.EventHandler.CustomAttributes.Description("Classic Page Interaction EventHandler")]
    [System.Runtime.InteropServices.Guid("bbf7f065-92f4-4b93-9fcc-fcea596a950f")]
    public class PageInteraction : kCura.EventHandler.PageInteractionEventHandler
    {
        public static readonly Guid CURRENT_ENTHUSIASM_GUID = new Guid("692C7C4D-3C6B-4729-86E4-426A101E1479");
        public static readonly Guid MAXIMUM_ENTHUSIASM_GUID = new Guid("5426056E-C815-430C-93FB-57C979A88715");
        public static readonly Guid CONTAIN_ENTHUSIASM_GUID = new Guid("0EE79570-5540-49F9-8ED-BDE5840AF433");

        public override Response PopulateScriptBlocks()
        {
            string CONTAIN_ID = this.ActiveArtifact.Fields[CONTAIN_ENTHUSIASM_GUID.ToString()].ArtifactID.ToString();
            string MAXIMUM_ID = this.ActiveArtifact.Fields[MAXIMUM_ENTHUSIASM_GUID.ToString()].ArtifactID.ToString();
            string CURRENT_ID = this.ActiveArtifact.Fields[CURRENT_ENTHUSIASM_GUID.ToString()].ArtifactID.ToString();

            // controls are different in View mode than in Edit (which includes both Edit and Add)
            bool isViewMode = this.PageMode == kCura.EventHandler.Helper.PageMode.View;
            string jsIsViewMode = isViewMode ? "true" : "false"; // for use in Javascript

            //Create a response object with default values
            kCura.EventHandler.Response retVal = new kCura.EventHandler.Response();
            retVal.Success = true;
            retVal.Message = string.Empty;

            // Register script
            // JavaScript Region
            this.RegisterStartupScriptBlock(new kCura.EventHandler.ScriptBlock() { Key = "startup", Script = startUp });

            return retVal;
        }
    }
}
```

Relativity Forms:

```
using kCura.EventHandler;

namespace RelativityFormsConversion
{
    [kCura.EventHandler.CustomAttributes.Description("Relativity Forms Converted Page Interation EventHandler")]
    [System.Runtime.InteropServices.Guid("ba8ebea2-7228-455b-b13f-57d505b68d72")]
    public class PageInteractionEventHandler : kCura.EventHandler.PageInteractionEventHandler
    {
        public override Response PopulateScriptBlocks()
        {
            return new Response();
        }

        public override string[] ScriptFileNames
        {
            get
            {
                return new string[] { "relativityFormsConversion.js" };
            }
        }
    }
}
```

Pain Points in Classic:

- JavaScript as a String in .NET
- Fields in the JavaScript
- Sharing information between Page Interaction and Console Event Handlers

Classic:

```
29         // Register script
30         #region JavaScript Region
31
32         String startUp = String.Format(@"<script type=""text/javascript"">
33 $(document).ready(function() {
34
35             // functions to get field Cells (parent element of the field you want
36             function getFieldCellByArtifactId(artifactId) {{
37                 return document.querySelector("[faartifactid = '" + artifactId + "']");
38             }}
39
40             function getFieldCellByFriendlyName(friendlyName) {{
41                 return document.querySelector("[fafriendlyname=''" + friendlyName + "']");
42             }}
43
44             // functions to get values for fields regardless of PageMode (Input for text and number, Radio for yes/no* (in radio mode))
45             function getFieldInputValue(fieldCell) {{
46                 var value = fieldCell.childNodes[2].childNodes[0].isViewMode ? 'innerText' : 'value';
47                 return value.trim();
48             }}
49
50             function getFieldRadioValue(fieldCell) {{
51                 var value;
52                 if (isViewMode) {{
53                     value = fieldCell.childNodes[2].textContent === yesValue;
54                 } else {{
55                     var radio = fieldCell.childNodes[2];
56                     var yesRadio = radio.querySelectorAll("[type = 'radio']")[0];
57
58                     var isViewMode = {0};
59                     var containEnthusiasmFieldId = '{1}';
60                     var maximumEnthusiasmFieldId = '{2}';
61                     var currentEnthusiasmFieldId = '{3}';
62                     var yesValue = 'Ok, I will.';
63                     var nameCell = getFieldCellByFriendlyName('Name');
64                     var containEnthusiasmCell = getFieldCellByArtifactId(containEnthusiasmFieldId);
65                     var maximumEnthusiasmCell = getFieldCellByArtifactId(maximumEnthusiasmFieldId);
66                     var currentEnthusiasmCell = getFieldCellByArtifactId(currentEnthusiasmFieldId);
67                     var staticText = $('.layoutText:contains("Contain yourself"))[0];
68
69                     // Execute immediately upon document ready
70                     toggleMaximumEnthusiasmByRadio();
71
72                     if (isViewMode) {{
73                         window.getFlavorText = getFlavorText;
74                     } else {{
75                         containEnthusiasmCell.onclick = toggleMaximumEnthusiasmByRadio;
76                         [nameCell, containEnthusiasmCell, maximumEnthusiasmCell, currentEnthusiasmCell].forEach(appendFunctionToInputBlur);
77                     }}
78                 }};
79             
```

Enable Relativity Forms

Object Type:

The screenshot shows the 'Object Type Information' configuration page. At the top, there are four buttons: Save, Save and New, Save and Back, and Cancel. Below the buttons, the 'Name' field is set to 'Contain Yourself'. The 'Parent Object Type' is 'Workspace'. The 'Dynamic' setting is 'Yes'. Under 'Enable Snapshot Auditing On', the 'Delete' dropdown is set to 'No'. In the 'Pivot' section, the dropdown is set to 'Disabled'. The 'Sampling' and 'Lists' sections also have 'Disabled' dropdowns. A red box highlights the 'Use Relativity Forms' dropdown, which is set to 'Yes'. Other settings include 'Copy Instances On Workspace Creation' and 'Copy Instances On Parent Copy', both set to 'No'. The 'Relativity Applications' field contains 'Contain yourselves, people'.

Event Handlers:

DLL	Class Name	Company Name	Description	Execution Type	Application Name
(All)	(All)	(All)	(All)	(All)	(All)
FestClassicEventHandlers	Classic.ConsoleEH		Classic Console EventHandler	Console	Contain yourselves, people
FestClassicEventHandlers	Classic.PageInteraction		Classic Page Interaction EventHandler	Page Interaction	Contain yourselves, people

Event Handlers
Not Firing:

The screenshot shows the 'Contain Yourself Layout' configuration page. At the top, there are buttons for Edit, Delete, Back, Edit Permissions, and View Audit. The 'Name' field is set to 'Enthusiastic Edna'. The 'Current Enthusiasm' field is set to '100'. The 'Contain Enthusiasm' dropdown is set to 'No, I cannot.' and has a note 'Maximum Enthusiasm: 20'. The 'Maximum Enthusiasm' field is set to '20'.

Add Relativity Forms Scripts

- New or Updated Page Interaction EventHandler
- JavaScript file specified within the EventHandler (only a stub for now)

PageInteractionEventHandler

```
using kCura.EventHandler;

namespace RelativityFormsConversion
{
    [kCura.EventHandler.CustomAttributes.Description("Relativity Forms Converted Page Interation EventHandler")]
    [System.Runtime.InteropServices.Guid("ba8ebea2-7228-455b-b13f-57d505b68d72")]
    public class PageInteractionEventhandler : kCura.EventHandler.PageInteractionEventHandler
    {
        public override Response PopulateScriptBlocks()
        {
            return new Response();
        }

        public override string [] ScriptFileNames
        {
            get
            {
                return new string[] { "relativityFormsConversion.js" };
            }
        }
    }
}
```

relativityFormsConversion.js

```
(function (eventNames, convenienceApi) {
    var eventHandlers = {};

    // internal (or later, privileged) variables and functions will go here

    // eventHandlers[eventNames.HYDRATE_LAYOUT_COMPLETE] = function () {
    //     This will contain the initial state hide instruction
    // };

    // eventHandlers[eventNames.PAGE_INTERACTION] = function (modelData, event) {
    //     This will contain the change event handling
    // };

    eventHandlers[eventNames.CREATE_CONSOLE] = function () {
        // This will contain the console content code, but for
        // now does nothing. This is enough to make a console appear
    };

    return eventHandlers;
})(eventNames, convenienceApi));
```

Results

The screenshot shows a web application interface with a form titled "Contain yourself". The form fields include "Name: Calm Carla", "Contain Enthusiasm: Ok, I will.", "Current Enthusiasm: 100", and "Maximum Enthusiasm: 400". Below the form is a developer tools Network tab showing a single request: "relativityFormsConversion.js" with a status of 200, type "fetch", initiator "app-build-5ee8864836.js:47203", size 1.0 KB, and time 1.36 s.

Name	Status	Type	Initiator	Size	Time	Waterfall
relativityFormsConversion.js	200	fetch	app-build-5ee8864836.js:47203	1.0 KB	1.36 s	

- Relativity Forms EventHandler script now being downloaded
- Console now appearing on the side

Update the JavaScript File: Classic vs Relativity Forms

First-Class GUID Support for Fields

- GUIDs can be used directly by Relativity Forms but must be ArtifactID or Friendly Name in Classic

Classic:

```
11 |     public static readonly Guid MAXIMUM_ENTHUSIASM_GUID = new Guid("5426056E-C815-430C-93FB-57C979A88715");
17 |     string MAXIMUM_ID = this.ActiveArtifact.Fields[MAXIMUM_ENTHUSIASM_GUID.ToString()].ArtifactID.ToString();
112|     var maximumEnthusiasmFieldId = '{2}';
```

Relativity Forms:

```
5 |     var MAXIMUM_ENTHUSIASM_GUID = "5426056E-C815-430C-93FB-57C979A88715".toLowerCase();
```

Update the JavaScript File: Classic vs Relativity Forms

Direct Read and Manipulation of Field and Static Text

- Fields can be read and manipulated without getting the DOM elements; values return in type appropriate to Field

Classic:

```
116 |     var containEnthusiasmCell = getFieldCellByArtifactId(containEnthusiasmFieldId);
117 |     var maximumEnthusiasmCell = getFieldCellByArtifactId(maximumEnthusiasmFieldId);
118 |
119 |     function getFieldCellByArtifactId(artifactId) {
120 |         return document.querySelector("[faartifactid = '" + artifactId + "']");
121 |     }
122 |
123 |     containEnthusiasmCell.onclick = toggleMaximumEnthusiasmByRadio;
124 |
125 |     function toggleMaximumEnthusiasm(show) {
126 |         maximumEnthusiasmCell.hidden = !show;
127 |     }
128 |
129 |     function toggleMaximumEnthusiasmByRadio() {
130 |         toggleMaximumEnthusiasm(getFieldRadioValue(containEnthusiasmCell));
131 |
132 |         function getFieldRadioValue(fieldCell) {
133 |             var value;
134 |             if (isEditMode) {
135 |                 value = fieldCell.childNodes[2].textContent === yesValue;
136 |             } else {
137 |                 var radio = fieldCell.childNodes[2];
138 |                 var yesRadio = radio.querySelectorAll("[type = 'radio']")[0];
139 |                 value = yesRadio.checked;
140 |             }
141 |             return value;
142 |         }
143 |     }
144 |
145 | }
```

Relativity Forms:

```
10  |     function updateMaximumEnthusiasm() {
11  |         var field = convenienceApi.fieldHelper;
12  |
13  |         return field.getValue(CONTAIN_ENTHUSIASM_GUID).then(function (containEnthusiasm) {
14  |             return field.setIsHidden(MAXIMUM_ENTHUSIASM_GUID, !containEnthusiasm);
15  |         });
16  |     };
17 | }
```

Update the JavaScript File: Classic vs Relativity Forms

Form Metadata-Aware JavaScript

- JavaScript handlers are aware of the form mode without injecting it from .NET handlers, or parsing Query String

Classic:

```
21 |     bool isViewMode = this.PageMode == kCura.EventHandler.Helper.PageMode.View;
22 |     string jsIsViewMode = isViewMode ? "true" : "false"; // for use in Javascript
110|     var isViewMode = {0};
```

Relativity Forms:

```
79 |     updateFlavorText(this.viewModelTypeId);
```

Update the JavaScript File: Classic vs Relativity Forms

Code Execution Timing

- Classic Page Interaction JavaScript fires easily either as the script is interpreted, or once the DOM is loaded; getting finer timing requires manually binding to DOM events
- Relativity Forms provides multiple specific extension points within the Load, Change, Submit, and Delete pipelines

```
function (eventNames, convenienceApi) {
    var eventHandlers = {};
    var CONTAIN_ENTHUSIASM_GUID = "0EE79570-5540-49F9-8DED-BDE5840AF433".toLowerCase();
    var containEnthusiasmId = null;
    ...
    eventHandlers[eventNames.HYDRATE_LAYOUT_COMPLETE] = function ()...;
    eventHandlers[eventNames.PAGE_INTERACTION] = function (modelData, event)...;
    eventHandlers[eventNames.CREATE_CONSOLE] = function ()...;
    return eventHandlers;
}(eventNames, convenienceApi));
```

Update the JavaScript File: Classic vs Relativity Forms

Scope-Sheltered JavaScript Code Sharing by Default

- Page Interaction and Console EventHandlers are one in the same in Relativity Forms, Console can access what the other handlers can access

Classic:

```
$(document).ready(function() {{
    function getFlavorText() {{
        ...
    }}
    ...
    if (isViewMode) {{
        window.getFlavorText = getFlavorText;
    }}
    ...
}});
//Create the JavaScript for the button and set the button property.
StringBuilder clickHandlerJavaScript = new StringBuilder("if (typeof window.getFlavorText === 'function') {}");
clickHandlerJavaScript.Append(" alert(window.getFlavorText()); } else {}");
clickHandlerJavaScript.Append(" alert('getFlavorText is unavailable on the window.');");
clickHandlerJavaScript.Append(");");
```

Relativity Forms:

```
(function (eventNames, convenienceApi) {
    var eventHandlers = {};
    ...
    function getFlavorText()...
    ...
    eventHandlers[eventNames.HYDRATE_LAYOUT_COMPLETE] = function ()...;

    eventHandlers[eventNames.PAGE_INTERACTION] = function (modelData, event)...;

    eventHandlers[eventNames.CREATE_CONSOLE] = function ()...;
    ...
    return eventHandlers;
})(eventNames, convenienceApi);
```

Results

Object Type

Object Type Information

Name: Contain Yourself
Parent Object Type: Workspace
Dynamic: Yes
Enable Snapshot Auditing On: No
Delete: No
Pivot: Disabled
Sampling: Disabled
Lists: Disabled
Use Relativity Forms: Yes
Copy Instances On Workspace: No
Creation: No
Copy Instances On Parent Copy: No
Relativity Applications: Contain yourselves, people

Event Handlers

DLL	Class Name	Comp...	Description	Execution Type	Application Name
(All)	(All)	(All)	(All)	(All)	(All)
FestClassicEventHandlers	Classic.ConsoleEH		Classic Console EventHandler	Console	Contain yourselves, people
FestClassicEventHandlers	Classic.PageInteraction		Classic Page Interaction EventHandler	Page Interaction	Contain yourselves, people
RelativityFormsConversion	RelativityFormsConversion.PageInteractionEventhandler		Relativity Forms Converted Page Iteration EventHandler	Page Interaction	Contain yourselves, people

Results

Relativity Forms in Action

The screenshot displays a Relativity application interface with four stacked forms and a central modal dialog.

Top Form:

- Header: Contain Yourself, Application Admin, Workspace Admin, Test RF Features.
- Toolbar: Edit, Delete, Back, Edit Permissions, View Audit.
- Record: 3 of 3.
- Form Fields:
 - Name: Overzealous Oliver
 - Contain Enthusiasm: No, I cannot.
 - Current Enthusiasm: 10000
- Message: "Contain yourself"
- Right Panel: CONTAIN YOURSELF CONSOLE, Report Enthusiasm button.

Modal Dialog:

- Title: p-dv-vm says
- Content: Overzealous Oliver is brimming with unbridled enthusiasm!
- Buttons: OK.

Middle Forms (Stacked):

- Header: Contain Yourself Layout.
- Toolbar: Save and Previous, Save, Save and Next, Save and New, Save and Back, Cancel.
- Record: 3 of 3.
- Form Fields:
 - Name: Overzealous Oliver
 - Contain Enthusiasm: Ok, I will. No, I cannot.
 - Current Enthusiasm: 10000
- Message: Overzealous Oliver is brimming with unbridled enthusiasm!

Bottom Forms (Stacked):

- Header: Contain Yourself Layout.
- Toolbar: Save and Previous, Save, Save and Next, Save and New, Save and Back, Cancel.
- Record: 3 of 3.
- Form Fields:
 - Name: Overzealous Oliver
 - Contain Enthusiasm: Ok, I will. No, I cannot.
 - Current Enthusiasm: 10000
 - Maximum Enthusiasm: 9000
- Message: Overzealous Oliver is brimming with unbridled enthusiasm!

Bottom Form (Last in Stack):

- Header: Contain Yourself Layout.
- Toolbar: Save and Previous, Save, Save and Next, Save and New, Save and Back, Cancel.
- Record: 3 of 3.
- Form Fields:
 - Name: Overzealous Oliver
 - Contain Enthusiasm: Ok, I will. No, I cannot.
 - Current Enthusiasm: 10000
 - Maximum Enthusiasm: 9000
- Message: Overzealous Oliver is IS OVER 9000!!!!!!

Resources

- Platform Documentation: <https://platform.relativity.com/RelativityOne/>
Relativity Forms:
<https://platform.relativity.com/RelativityOne/Content/Relativity%20Forms/Relativity%20Forms%20API.htm>
- Relativity Forms Cheat Sheet: <https://github.com/relativitydev/relativity-forms-workshop-fest-2019/raw/master/docs/workshop/Relativity%20Forms%20Cheat%20Sheet.pdf>
- DevHelp: <https://devhelp.relativity.com/c/relativityui/relativityforms>
Category: RelativityUI
Sub-Category: RelativityForms
- Feedback: RelativityFormsFeedback@relativity.com



HOW'D WE DO?

Remember to rate this session in the survey widget of the mobile app.

Questions?