RELATIVITY FEST CHICAGO, IL
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Relativity Forms API Workshop

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Agenda

- Course Overview

- Setting up your machine

- Example Relativity Application

- Beginning to Customize Objects with Relativity Forms

  - Enabling Relativity Forms

- Writing Relativity Forms Event Handlers

  - Reading and Manipulating Fields

  - Generating Markup

  - Calling APIs

Why are we doing this workshop?

- Enhance Relativity Development skills

- Interest You in Our New Technology which Excites Us

Getting Started

Workbook Document

- You should see the following shortcut on the desktop.
    - 'relativity-forms-workshop Shortcut'
    - It links to E:\relativity-forms-workshop-fest-2019

- Within this folder is a 'docs/workshop/' folder containing a document that has all the instructions for today's workshop.

- Open PowerShell and a do pull on the relativity-forms-workshop-fest-2019 folder
    - git pull

Workshop Projects

- Follow instructions on Section 2.1 to access the various projects that will be used in the workshop.

- You have about 5 minutes to complete these instructions.

DevVM Setup

- Follow instructions in Section 2.2 on page 8 to set up DevVM for accessing Relativity.

- You have about 10 minutes to set up your Dev VM.

Example Relativity Application

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Example Relativity Application

- The application has the following components
  - Person Object Type
  - Page Interaction EventHandler
  - Console EventHandler
  - Kepler Service

Example Relativity Application

- Application tracks a Person's enthusiasm levels

- Application development halted before completion of Console EventHandler to migrate to Relativity Forms

Example Relativity Application

Customizing Object Types

With Relativity Forms

Customizing Object Types

- Enabling Relativity Forms
  - You will have about 10 minutes to complete Exercise 1
  - Effect of enabling Relativity Forms

- Customizing Relativity Forms
  - You will have about 20 minutes to complete Exercise 2
  - Updating Page Interaction EventHandler
  - Using Template Project Automation

Writing Event Handlers

Relativity Forms JavaScript

Writing Event Handlers

- Page Interaction
  - Pipelines
  - Reading/Manipulating Fields
  - Reacting to change
  - You will have about 25 minutes to complete Exercise 3

- Console and Calling Kepler APIs
  - You will have about 25 minutes to complete Exercise 4
  - Populating Console
  - Kepler calls with relativityHttpClient

Questions?

Resources

- Platform Documentation: https://platform.relativity.com/RelativityOne/
  Relativity Forms:
  https://platform.relativity.com/RelativityOne/Content/Relativity_Forms/Relativity_Forms_API.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

- This Workshop's Materials on GitHub:
  https://github.com/relativitydev/relativity-forms-workshop-fest-2019

- Feedback: RelativityFormsFeedback@relativity.com