

How Do I Debug This Form?



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About the Webinar

**Presenter:
Jonathan Hsu**

HOW DO I DEBUG THIS FORM?

- ▶ Debugging Checklist
- ▶ How to Setup a Workspace
- ▶ How to Safely Design Forms
- ▶ Recommended Practices



When Do I Debug?

App is crashing



Smart Controls are not working

Where Do I Start?

Ask Yourself...

- 1** Are column names spelled and referenced correctly?
- 2** Is my syntax correct?
- 3** Do elements involved in Smart Controls have default values?
- 4** Does the form behave the same for iOS and Android?
- 5** Have I cleaned the local database?

Setting Up My Workspace

Build Smarter & Faster by...

- 1** Open all forms and option lists
- 2** Use the Table View
- 3** Prepare device(s)
- 4** Use Option List Key Values
- 5** Simplifying the problem through prototyping

Form Building Cheat Sheet

Next time, remember that...

- 1** One equal sign is for setting a value, two/three is for comparing
- 2** DCNs and Key Values are case-sensitive
- 3** `ZCDisplayKey_dcn.indexOf('search') >= 0`
for Multi-Select Elements
- 4** Option List Condition Values work like a light switch
- 5** Double check formatting when copy/pasting Smart Controls

Default Values

Avoid Caching Issues

1 `text_readonly_location_manatee = ""`

2 `select_picklist = -1`

3 `multi_select = []`

4 `date_time = Date()`

 `number = 0`

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Dataflow Automation

August 30, 2017

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