Form Builder

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| Bugs   * Vis rules – assumes that “36XXetc” is the number 36 * Delete lots of pages – nulls generated in json * Panels do not show markup when they have a vis rule and are moved up. Also check alerts. |
| Birmingham   * preventDefault in rendered code affects MyLife menus * localStorage adapter needs to support QuestionId and Code attributes   + Wider: support data attributes for elements * On submission, need to trigger close task event if a taskId is present |
| RuleBuilder   * Show rules-in-use overlay * Compound expressions; grouping * Compare against other control values? |
| Integration Engine / Events   * Form-level events; submit action, show submit button, etc. (Ajax vs POST mode?) * ~~Inject ad-hoc JavaScript functions and save with definition~~ * Support multiple events per control * Events: need to work out how events should be handled for checkbox / radio controls; same as validation – on first input? * Drag and drop mapping UI for requests and responses * Callback / Promise orchestration * Buttons:   + Review action buttons – ~~added Calc~~   + Remove validation for button controls   + Augment events – custom code |
| General   * Consider validation for Select Multiple * Copy pages * Reorder pages * Disable some properties, like Validation Group (type == disabled) * Support online update checker and download link * Clone tables * Parent attribute for all controls? * Validation on blur from ID/Name field to check for existence of duplicate Steps navigation (pills or breadcrumb) for completed steps * Support HTML in alerts and static text using a Quill-like editor |
| Should Have   * New row modal to allow column width settings; also need ability to change a row from context menu * In Page properties, Page Id can be changed but is not cascaded to page select, code, or data-group; it can break validation. (*Partially fixed for Shelter*) * Save a single page, single row form as a complex control |

Out of Scope

* Validation: no custom error messages. Pattern is

data-parsley-<type>-message=”the message”

Phase 2: Done

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| * ~~Rationalise all source code files to reduce size and move variables into FB namespace~~ * ~~Add grunt-contrib-compress and make a ‘build’ task~~ * ~~Combine renderHtml and preview into a single rendering factory with mode plugins~~   **RuleBuilder UI**   * ~~Initialise new rule each time (controls can be added)~~ * ~~Save to json file~~ * ~~List of available rules in Vis~~ * ~~Add Contains and does not contain operators~~ * ~~Tidy up presented rule; turn casting into function~~ * ~~Edit rule (button in action column of template)~~   + ~~Warn if rule in use~~   + ~~Update Edit template view with rule data~~   + ~~Save -> updates existing rule~~ * ~~Delete rule~~   + ~~Warn~~   + ~~Remove~~ * ~~Only allow rules derived from already-rendered controls to be applied to a control (avoid circular errors)~~ * ~~Use select list for choice type controls~~ |

Phase 2: Bug Fixes

* ~~Read file does not add page label and binding~~

Phase 1: Done [A single-column form with draggable components and editable properties.]

* ~~Dragging inside form-zone allows sorting~~ jQueryUI Sortable()
* ~~Drag and drop renders a form component (outside container is draggable):~~ 
  + ~~Create an instance in def object store~~
  + ~~Render instance with appropriate template~~
* ~~On clicking control, show properties;~~ 
  + ~~render a properties view; and~~
* ~~Edit and save properties updates control instance in form-zone (and definition data object)~~
* ~~Dropping new control updates control name and id (need to count instances)~~
* ~~Prettify Code~~
* ~~Support > 1 column in form. Needs modal to add container~~
* ~~Save correct form order in def store. Should cater for multi-column forms – resortMulti().~~
* ~~Templates for all common controls~~
* ~~Load / import saved template~~
* ~~Grunt build~~
* ~~Horizontal form default – needs additional templates~~
* ~~Preview Form button~~
* ~~Support form sections DONE~~
* ~~Edit form name, label size, control size~~
* ~~Preview should not POST back to Form Builder UI~~
* ~~Update submitAction to show table~~
* ~~Update calculate Action to map object for calculon~~
* ~~Support multiple pages~~
  + ~~Add {pages: } to form object in save and read functions~~
  + ~~Start with div id=”p1” in #form-zone~~
  + ~~Append new rows within current page div~~
  + ~~Add page select above #form-zone, with ‘Add Page’ button.~~
  + ~~Add page will move to new empty page~~
  + ~~Change select => removeClass(‘hide’) from target page and hide all others~~
  + ~~When rendering preview, include Back and Next buttons~~
  + ~~When rendering preview, option to show progress bar with computed %~~
  + ~~Preview needs to render each page (readForm should fix this)~~
* ~~Templates or transform to render Bootstrap 2.3.2 forms~~
* ~~Apply form label size and control size after edit~~
* Tables:
  + ~~Need to bind objects to cells. On drop, establish whether container is in a table or the form!~~
  + ~~Only allow one object per cell;~~
  + ~~add binding back into to dropzone if control deleted~~
  + ~~If table is deleted, cascade deletion to all objects in def;~~
  + ~~After getComponentView() template is rendered, need to link objects back to cells, by column~~
  + ~~Preview will behave differently from designer; no bindings but active actions~~
  + ~~Need actions for add row, delete row – form-functions.js~~
  + ~~Assign matrix value to tablegroup object~~
  + ~~Able to add multiple TGs to a form~~
  + ~~App.js: resortDef() – add child controls~~
  + ~~App.js: readForm() – read and render child controls~~
  + ~~Reapply TG bindings on read~~
  + ~~Id column~~
  + ~~On change event, update a select [Events]~~
  + ~~V2 templates~~
  + ~~TG name/id is not set in template~~
  + ~~setData(json)~~
  + ~~sendToCalculon function needs to parse and handle table data~~
  + ~~Prevent adding TG to a dropzone with another control already in it~~
* ~~Page properties (title, etc.) to display on form steps~~
* ~~Tabindex on each control:~~
  + ~~Update templates~~
  + ~~Update data sets~~
  + ~~Add function to renumber on change~~
* ~~Date control~~
* ~~Validation~~ 
  + ~~Group validation at page level~~
  + ~~TableGroup validation at TG level; needs to destroy TG items val on submit~~
  + ~~Validate all items before adding row to table~~
  + ~~Update all V2 templates~~
* ~~Events (pubsub)~~
* ~~Date control - V2 template~~
* ~~Alert control – V2 template~~
* ~~addPage() do not show Cancel on first page; do not add page if cancel pressed~~
* ~~Date control: Option for DOB and date controls? (decade, vs days)~~
* ~~Design progress UI – first version of nav pills~~
* ~~Hidden controls~~