1. Demo system as it currently functions
   1. Searching and then showing locate button and that it pulls a map
2. Creating the maps
   1. Up to date floor plans of the building
      1. Clean up and simplifying maps (using InkScape)(floor 4 original)
         * SVG files of floor plans –
           1. Putting in guides to outline main walls, rooms and spaces
           2. Using “Draw Bezier curves and straight lines” to trace floor plan details in a new layer
           3. Adding icons, colors, general placement of collections, etc.
   2. Shelf Counting (excel spreadsheet)
      1. Went around to each floor, counted shelves (one shelf is a front to back section)
      2. Gathered Call number ranges and decided what areas/ collections should be listed as a single “place”
         * Examples: 4th floor children’s, oversized, periodicals
      3. Deciding on file naming convention
         * Example: floor three has an east side and west side, (cfl-03-w1 is the third floor, west side, shelf 1)
   3. Drawing and representing exact number of shelves on maps (back to inkscape)
      1. Final version examples (floor1t and floor4 jpgs)
   4. Making each image
      1. Needed a highlighted representation of each call number range/ shelf and a representation of each collection space (cfl-04-1) (if I was going to do it again I would use layers function in inkscape instead of individually saved svg files for each image)
      2. Used inkscape to create:
         * 10 images for first floor
         * 5 images for second floor
         * 15 images for third floor east side
         * 42 images for third floor west side
         * 26 images for fourth floor
         * Total of 98 images (all saved as png)
         * Example of final highlighted images: cfl-04-1, cfl-04-2, cfl-04-children

once the images had all been created, I began to work with Will. He is going to talk more about the next steps that were taken.

1. Login to Alma and show settings [in integration profile](https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/020Primo_VE/Primo_VE_(English)/080Configuring_Delivery_Services_for_Primo_VE/Configuring_the_Template_for_the_Location_Map_Link_in_Primo_VE)
   1. Set Up
      1. Code
      2. Name
      3. Integration Type
   2. Actions
      1. What info alma supplies for location (matching small collection locations with maps)
      2. Library it is pulling from
      3. URL that goes to the script that matches the item with the map
         * Bits inside the { } are what Alma is going to fill in
2. Apps Server / The Code
   1. Made an array of call numbers containing beginning and end call numbers for each stack (show stack-maps-array.php)
      1. Array documents start and end call numbers for each stack (a stack is both sides)
      2. Each stack has two entries, first is start second is end
      3. Both have the same value (the map file name)
   2. Will has a flow chart of how the code works and the process in creating the code
      1. First picks on location (if the location doesn’t match a small collection it gets normalized)
         * Format of LOC call numbers is not regular in computing language technology
         * To reliably sort, call numbers had to be regularized

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