Validating Secondary Barcode Scans and Keyboard Entries

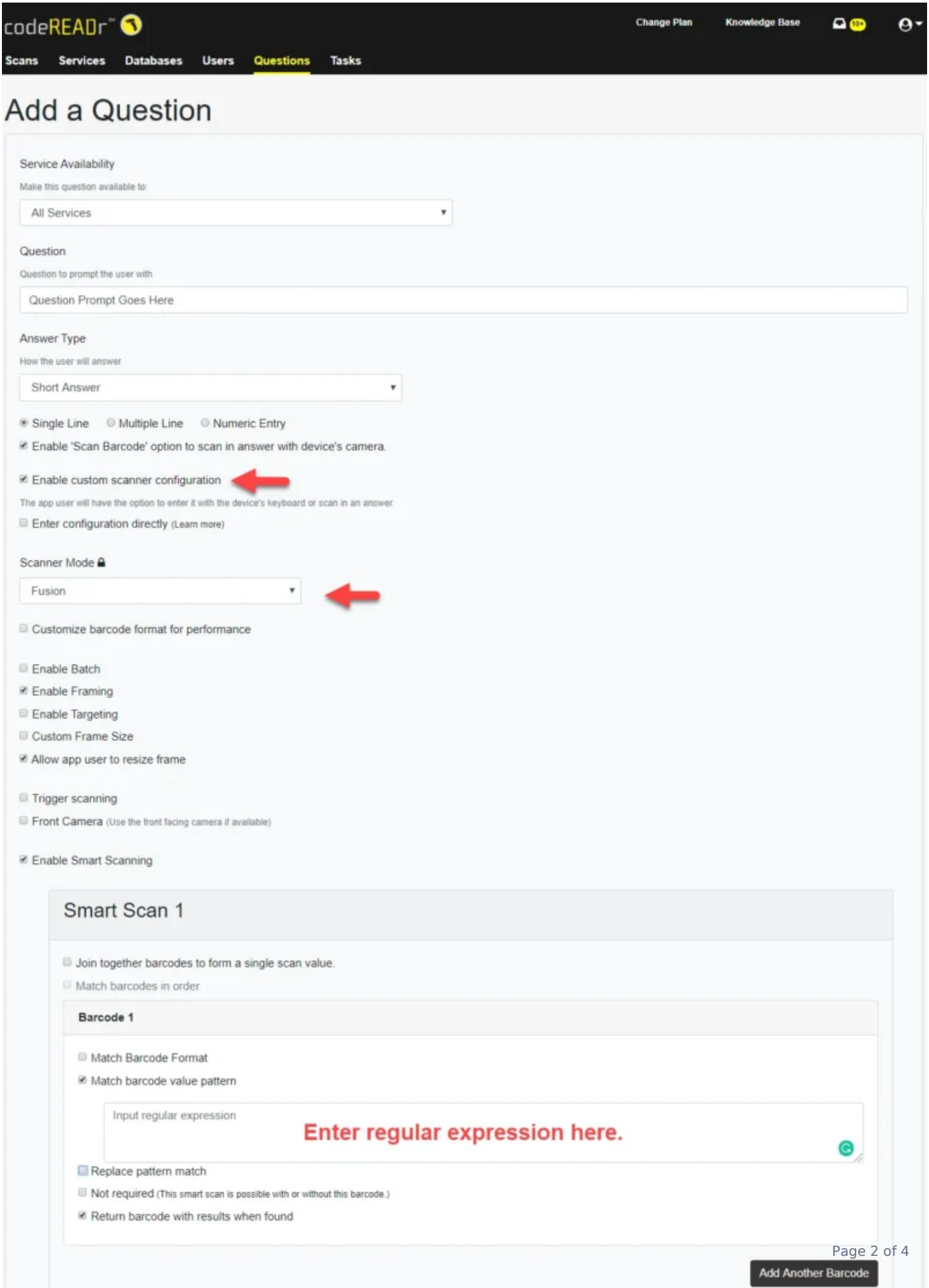
Data Collection · https://www.codereadr.com/knowledgebase/validating-question-answers/

Validating Secondary Barcode Scans

This guide will help you understand how to validate secondary barcode scans and manual keyboard entries using regular expressions (Regex) and custom HTML scripts. With this approach, you can configure your app to capture only the data that meets your specific validation criteria.

Steps to Validate Secondary Barcode Scans

1. Enable the Smart Scan Option:
    - Use the Smart Scan feature in your service's Advanced settings to configure barcode validation .
2. Use Regular Expressions (Regex):
    - Regex allows you to define patterns for acceptable barcode formats.
    - Explore examples of Regex patterns in our Pattern Validation article.
3. Apply Regex to Your Barcode Scanner:
    - Input your chosen pattern to restrict barcode scanning to valid entries.


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Change Plan
Knowledge Base
Scans
Services
Databases
Users
Questions
Tasks
Add a Question
Service Availability
Make this question available to:
All Services
Question
Question to prompt the user with
Question Prompt Goes Here
Answer Type
How the user will answer
Short Answer
Single Line
Multiple Line
Numeric Entry
Enable 'Scan Barcode' option to scan in answer with device's camera.
Enable custom scanner configuration
The app user will have the option to enter it with the device's keyboard or scan in an answer.
Enter configuration directly (Learn more)
Scanner Mode
Fusion
Customize barcode format for performance
Enable Batch
Enable Framing
Enable Targeting
Custom Frame Size
Allow app user to resize frame
Trigger scanning
Front Camera (Use the front facing camera if available)
Enable Smart Scanning
Smart Scan 1
Join together barcodes to form a single scan value.
Match barcodes in order
Barcode 1
Match Barcode Format
Match barcode value pattern
Input regular expression
Enter regular expression here.
Replace pattern match
Not required (This smart scan is possible with or without this barcode.)
Return barcode with results when found
Add Another Barcode

Validating Manual Keyboard Entries

You can also validate manually entered data or scanned input using an HTML script in a Custom Question. This setup works both online and offline, and coding skills are not necessary.

1. Choose the Appropriate Script Version:
   - Numeric Entry: For numbers only.
   - Alphanumeric Entry: For a mix of letters and numbers.
2. Edit the Regex Pattern in the Script:
3. Update and Use the Script:
   - Copy the updated HTML script and paste it into the Custom Question's HTML form field in your app's settings.

Once you know the regex pattern you want to use, find this in the HTML script:

```
    // Regular expression for validating zip code format.
    var postalCodeRegExp = new RegExp("
```

^\\d(-\\d)?$

```
    ");
```

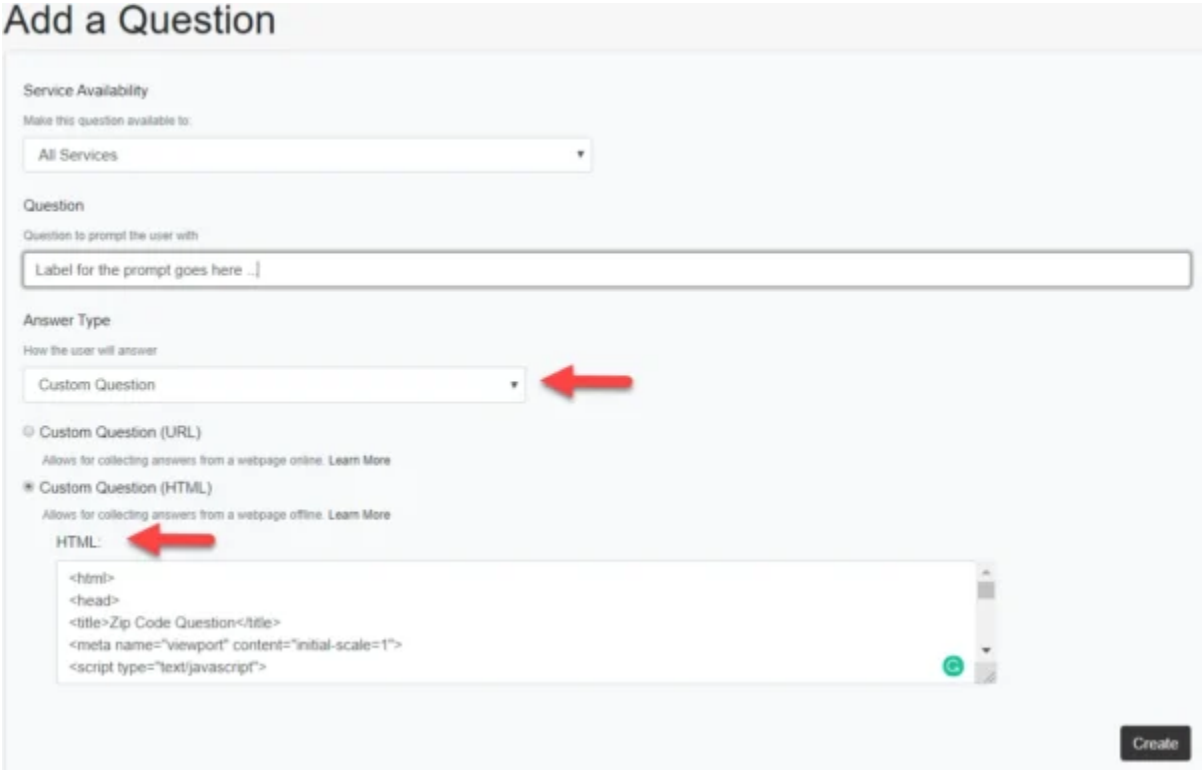
Then, in a text editor like Notepad, replace the zip code regex **^\\d(-\\d)?$** with your own regex pattern. For example, if you want to allow only 5 digits to be valid as a keyed entry or scanned entry, you would replace **^\\d(-\\d)?$** with the regex pattern **^([0-9])$**. The result in the HTML script would then be:

```
    // Regular expression for validating zip code format.
    var postalCodeRegExp = new RegExp("
```

^([0-9])$

```
    ");
```

Copy and paste the HTML script into the Custom Question's HTML form field.



Custom Validation for Developers

If you have coding expertise, you can create or modify your own scripts to meet advanced validation needs. This flexibility allows for tailored solutions that fit your exact requirements.

If you're unsure which Regex pattern to use or need assistance setting up your validation process, our team is here to help. Contact us with your specific requirements, and we'll guide you through the process.

By following these steps, you can effectively validate both barcode scans and manual entries, ensuring data accuracy and streamlining your workflows.