

Here's an example using regex to parse data captured after scanning a VCARD barcode.

1. When creating your [Export Template](#) on codeREADr.com use the + symbol to move the Barcode field into the template. Click on the pencil icon. Change the name of the header. Choose 'Custom' to see the Pattern and Replacement fields into which you need to paste your regex.

Once one is done, you can test it by saving this incomplete template and then exporting scan records using this template as the Output Format. If it works as intended, then go back to the template and use the field's clone icon to clone it for however many Replacements you need. Then for each clone change the header and the Replacement number.

2. You don't have to copy and paste the regex Pattern and Replacement in the export template to test it. You can also use the regex tool available at <https://regex101.com/> to do some preliminary testing.

From:

```
BEGIN:VCARD
VERSION:2.1
N:Jane;Doe
ORG:ABC, Inc.
TITLE:CEO
ADR;DOM;WORK;HOME;POSTAL;;;Bismarck;ND
NOTE:Full Registrant
END:VCARD
```

To:

```
First Name | Last Name | Company | Title | City | State | Registration Type
Jane | Doe | ABC, Inc. | CEO | Bismarck | ND | Full Registrant
```

Pattern:

```
^([\s\S]*?)\n([\s\S]*?)\nN:([\s\S]*?)\;([\s\S]*?)\nORG:([\s\S]*?)\nTITLE:([\s\S]*?)\nADR;DOM;WORK;HOME;POSTAL:null;;;([\s\S]*?)\;([\s\S]*?)\nNOTE:([\s\S]*?)\n([\s\S]*?)$
```

Replacement: Column Header:

```
$3      First Name
$4      Last Name
$5      Company
$6      Title
$7      City
$8      State
$9      Registration Type
```

Explanation:

A. $([\s\S]^?) \times 10$ [Only 7 fields are needed in this case (\$3-\$9); the first two fields and last field are not needed.]

B. $\backslash n$ is needed to remove the invisible line feed that puts each field on a separate row.

C. To not capture certain text, include that text after the $\backslash n$. For example $\backslash nN:$ will remove the "N:" from the result.

The screenshot shows a user interface for editing a column named "First Name". The interface includes a title bar with a menu icon, an information icon, and the column name. Below the title bar is a section titled "Alter Column" with two red arrows pointing to edit and refresh icons. The main configuration area is divided into several sections:

- Change Header:** A text input field containing "First Name" with a red arrow pointing to it. Below it is a note: "Choose Custom to alter value."
- Custom:** A dropdown menu set to "Custom" with a red arrow pointing to it. Below it is a note: "Use regular expression to alter value."
- Pattern:** A text area containing the regular expression: $^([\s\S]^?)\backslash n([\s\S]^?)\backslash nN:([\s\S]^?);([\s\S]^?)\backslash nORG:([\s\S]^?)\backslash nTITLE:([\s\S]^?)\backslash nJOB:([\s\S]^?)\backslash nWORK:([\s\S]^?)\backslash nHOME:([\s\S]^?)\backslash nPHONE:([\s\S]^?)\backslash n$ with a red arrow pointing to the label.
- Replacement:** A text input field containing "\$3" with a red arrow pointing to it.

Below the configuration area, there is a list of other columns: "Last Name", "Title", "Company", "City", and "State", each with its own edit and refresh icons.

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