

## Alter Scan: Parsing Real ID

### 1. Real ID data embedded in PDF-417 barcode:

"@

ANSI 636010090002DL00410272ZF03130067DLDAQE260222511550

DCS**JONES**

DDEN

DAC**JOHN**

DDFN

DADPAUL

DDGN

DCAE

DCBNONE

DCDNONE

DBD10282019

DBB10181984

DBA10182027

DBC1

DAU072 IN

DAG**16 OVERLOOK DR**

DAI**WINTER HAVEN**

DAJFL

DAK**347870000**

DCFG711910280105

DCGUSA

DCK**0100411112319241**

DDAF

DDB05012019

DDK1

ZFZFA

ZFB

ZFCSAFE DRIVER

ZFD

ZFE

ZFF

ZFG

ZFH

ZFI

ZFJ0245199656

ZFK

"

## 2. Sample of parsed content:

Last Name: **JONES**

First Name: **JOHN**

Address: **16 OVERLOOK DR**

City: **WINTER HAVEN**

State: **FL**

Zipcode: **347870000**

Inventory Control Number: **0100411112319241**

## Example Pattern 1:

```
^([\s\S]*?)\nDCS([\s\S]*?)\n([\s\S]*?)\nDAC([\s\S]*?)\n([\s\S]*?)\nDAG([\s\S]*?)\nDAI([\s\S]*?)\nDAJ([\s\S]*?)\nDAK([\s\S]*?)\n([\s\S]*?)\nDCK([\s\S]*?)\n([\s\S]*?)$
```

Important: When you copy the regex above be sure to not have any spaces in it when you paste it into the pattern field.

## Example Replacement 1:

DCS=\$2, DAC=\$4, DAG=\$6, DAI=\$7, DAJ=\$8, DAK=\$9, DCK=\$11

(or)

Last Name: \$2

First Name: \$4

Address: \$6

City: \$7

State: \$8

Zip: \$9

Inventory Control: \$11

[Note: Android OS does not support double-digit substitution (replacement) variables so this substitution for \$11 will only work on iOS devices. You can structure the regex in many cases to keep the substitution variables below \$10.]

## Example Pattern 2

```
^([\s\S]*?)\nDCS([\s\S]*?)\n[\s\S]*?\nDAC([\s\S]*?)\n[\s\S]*?\nDBB([\s\S]*?)\n([\s\S]*?)\nDAG([\s\S]*?)\nDAI([\s\S]*?)\nDAJ([\s\S]*?)\nDAK([\s\S]*?)\n([\s\S]*?)\nDCK([\s\S]*?)\n([\s\S]*)$
```

Important: When you copy the regex above be sure to not have any spaces in it when you paste it into the pattern field.

## Example Replacement 2:

DCS=\$2, DAC=\$3, DAG=\$6, DAI=\$7, DAJ=\$8, DAK=\$9, DBB=\$4

(or)

Last Name: \$2

First Name: \$3

Street: \$6

City: \$7

State: \$8

Zip: \$9

Date of Birth: \$4

### **References:**

A. AAMVA DL/ID Card Design Standard

Documentation:

file:///C:/Users/coder/Downloads/2013%20CDS%20Final%20(1).pdf

B. Alter Scan:

<https://www.codereadr.com/knowledgebase/alter-scan/>

C. Regex Tool for Testing:

<https://regex101.com/r/thUKi9/4>