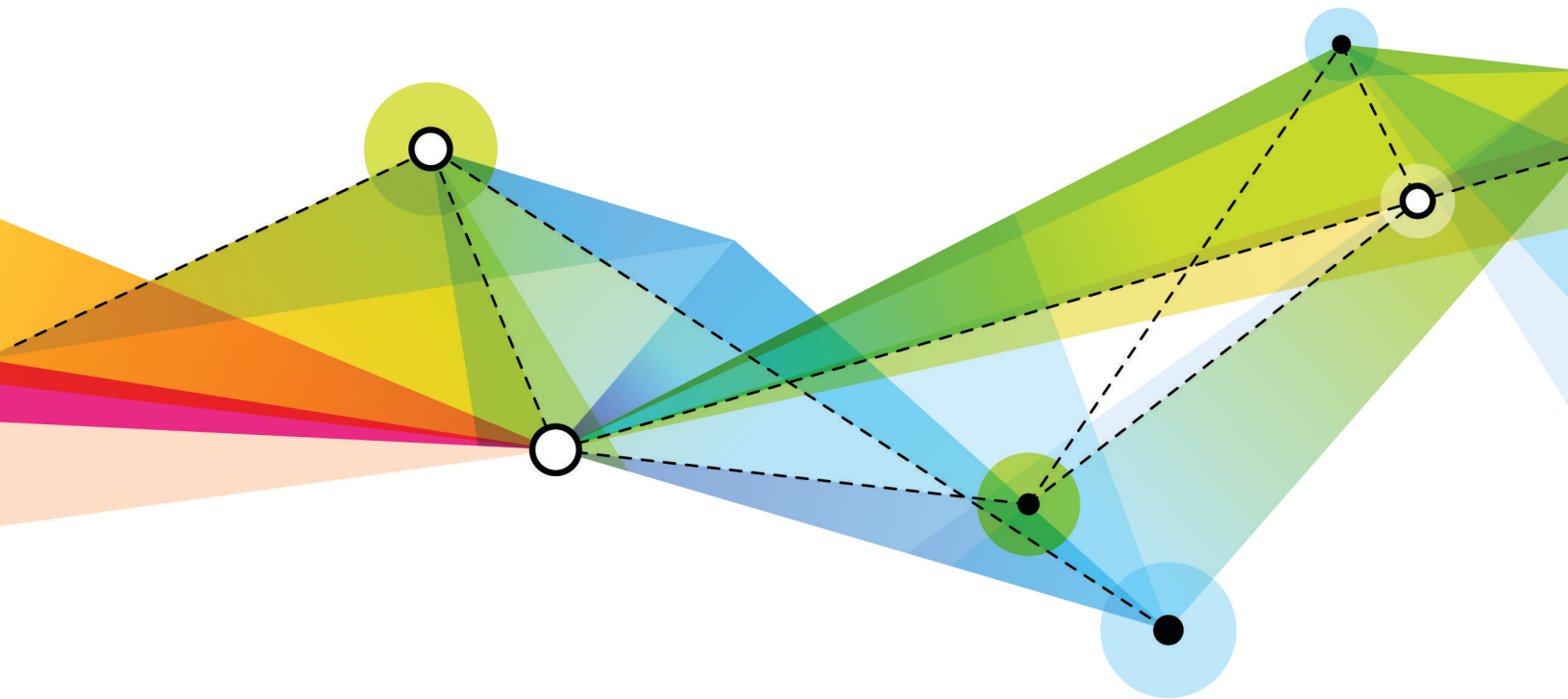




Custom Field Import Format

Specification and Documentation



Edition: 1.1

Release date: October 5, 2015

Smile version: 5.4

Published by Inomial Pty Ltd

Suite 801, 620 Bourke St, Melbourne, Vic 3000, Australia

www.inomial.com • +61 3 9663 3554 • sales@inomial.com • support@inomial.com

Copyright © 2015, Inomial Pty Ltd. Commercial in confidence.

Custom field importer specification

Smile provides the ability to import a Comma Separated Values (CSV) file to add, update and remove custom fields.

Note: Whilst there are many places where Smile uses custom fields, this importer is only used for account and subscription custom fields.

File format

A custom field importer file is a CSV formatted document containing three record types:

- **header**—contains the column names for the entry records
- **entry**— contains the actual import data of interest, one entry for each custom field
- **footer**—contains summary data about the import that can be used to verify successful import of the file

Commas separating unused columns at the end of a line may not be omitted.

Header

The first record is a single header record containing column names for the entry records, separated by commas.

A header record has a Record Type of '**H**' or '**Record Type**'.

```
RecordType,USN,AttributeTypeCode,Value,Action
```

Entry

An entry record contains the actual import data of interest. One entry record for each custom field.

A custom field entry record has a Record Type of '**S**'.

Table 1: Entry record field definition

Col	Field name	Data type	Description	Required?
0	Record Type	Text	'S' for subscription entry record	Yes
1	USN	Text	The USN of the Subscription or Account for the custom field change	Yes
2	AttributeTypeCode	Text	The code of the custom field to update	
3	Value	Text	Allowed values: <ul style="list-style-type: none"> • Text value • Account or Subscription ID (for reference type) 	Yes

Col	Field name	Data type	Description	Required?
			<ul style="list-style-type: none"> Database entry code (for database type) 	
4	Action	Text	<p>Allowed values:</p> <ul style="list-style-type: none"> add—add a new uoAttribute with the existing AttributeTypeCode (from column 2). It will be used as default action if not specified. removeAll—remove all uoAttribute with the existing AttributeTypeCode (from column 2) replaceAll—do removeAll and then add action 	No, defaults to add

Footer

The custom field import CSVs last row is always a footer record. The footer records contain summary data about the download that can be used to verify successful transfer of the file.

A footer record has a Record Type of 'F'.

Table 2: Footer field definition

Col	Field name	Data type	Description	Required?
0	Record Type	Text	'F' for footer record	Yes
1	Number of Records	Number	The number of entries in this file	Yes

Example file

```
RecordType,USN,AttributeTypeCode,Value,Action
S,2142430798,thing.selection,thing1,add
S,2142430798,email2,joe.smith@inomial.com,add
S,2142430798,password,1234,
S,2142430798,email1,joe.smith1@inomial.com,replaceAll
S,2142430798,date,,removeAll
S,2142430798,orapanRefAcc,1000000008,add
F,6
```