

Assumptions

csv is not pre-parsed (it is received in backend in raw format)

csv contains no headers

csv is in proper format

fields are separated with comma(',')

"provider" parameter is sent as part of the request

provider exists in configurations table

"create" and "update" fields are provided in the csv file

data is sent from an html multi-part form

Design decisions

REST pattern

Asynchronous mode in database and file processing functions

Non-relational DB engine (MongoDB) for data storage (both configuration and csv)