# General Concept

In FileManager, method ParseBankLine() and/or maybe ParseCategory(), modify it to determine for each subtransaction if the category name is actually an account (i.e., it is enclosed in brackets). If it is, attempt to find that text as an Account.Name in the database.

If not found, do nothing – leave the brackets around the name and move to the next subtransaction.

If a match is found, then:

1. Set the category text “Transfer” so it will link to the appropriate CategoryId
2. Set XferAccountId to the AccountId of the matched account.
3. Set XferSubtransaction to the xfer Subtransaction with a matching amount to that of the import Subtransaction
4. Set XferTransaction to the TransactionId of the parent transaction of the xfer Subtransaction where the Date matches the Date of the import Transction.

# Status

Existing code works (but only the first time, I think):

* Currently works directly within database after import has been added to the database.
* Running ResolveTransfers again after subsequent imports fails (I think).

Can't resolve during import because xfer account may not exist at the time of the import

* Think of import of the first account or of later accounts when the xfer account hasn't yet been imported.

So, have to do the import (as it currently does) and then resolve after the import.

* But should this be done in code, before it gets written to the database?
* Or can the existing code be modified to continue to work directly in database (fastest)?
* What about this scenario:
  + Import some accounts, do the ResolveTransfers that include references to a non-existing account
    - This will result in those account names becoming just Category entries
  + Import another account, that is that xfer account
    - Which didn't exist at the time of the previous resolution so the names are just Categories now
    - How does this get fixed?
* Can it decide that an account name as a Category.Text still matches even if it doesn't have brackets?

If resolution cannot be done automatically -- if it requires user decision, it must be done in code.

Should the resolution prompt whether to keep the brackets in Category.Text when encountered? Thus, letting the user decide whether they will be used later or not?

Or do I even worry about this and just set policy that resolution is done once only after all accounts have been imported?

What about this – could a resolution be automatically applied with every import?

* + Check the imported account against all existing accounts, and make the adjustment for all matched categories
    - Transfers are two-way – right? So, there’d never be a time when it’d adjust the data in the imported data without having to also make a reciprocal adjustment to the transfer account, as well.
  + Any unmatched transfer category would continue to show the brackets. At some point, the user could have an option to say, “Turn all remaining transfer categories into just regular categories; i.e., remove the brackets around the name.