***SWIFT MATCHING DYNAMIC RULE- Referential Setup Based Matching***

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## Introduction

**User Story** : As a user I would like solution provider to build functionality that allows me to match settlement instructions and counterparty names as its always in different formats and will have different naming conventions which makes the training of existing matching data mandatory in order to recognize such information further enabling the users to safely match the Data (Based on Trained model based on referential data called “SYSTEMATIC RULES “ ) so that I could avoid complete user intervention

## Business Case

* **Dynamic Matching rule need to be created in UI, Few Example**
  + Rule can be set up for financial difference having Rate converter, which allows 2 alleges having <= 5 EUR difference.
  + For SSI difference, If the BIC matches in F56/57/58 but Account number missing then rule can be created and match should be allowed
* If one party mentions full IBAN number of 22 characters, but the other party mentions only the last 8 digits charter then rule can be created.

## Benefits

Substantial increase in the automatic matching rate will be experienced. Most of the deals that are being paired manually from the non-economic mismatch queue, will be paired automatically. These changes can be monitored using the System Performance statistics within Matching.

**APPENDIX**

**Structure of MT300**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Is part of Matching? | Match with? |
| TAG | DESCRIPTION |  | **Client Conf Field** |
| :20 | Our Reference | NO |  |
| :21 | Previous Reference | NO |  |
| :22A | Type of Operation | NO |  |
| :22C | Code/Common Ref. | NO |  |
| :94A | Scope of Operation | NO |  |
| :82 | Party A | YES | :87 |
| :87 | Party B | YES | :82 |
| :77H | ISDA DATE | YES | :77H |
| :30T | Contract Date | YES | :30T |
| :30V | Value Date | YES | :30V |
| :36 | Exchange Rate | YES | :36 |
| :32B | We Buy | YES | :33B |
| :53 | Delivery Agent (1) | NO |  |
| :56 | Intermediary (1) | YES | Intermediary (2) |
| :57 | Settlement (1) | YES | Settlement (2) |
| :58 | Beneficiary (1) | YES | Beneficiary (2) |
| :33B | We Sell | YES | :32B |
| :53 | Delivery Agent (2) | NO |  |
| :56 | Intermediary (2) | YES | Intermediary (1) |
| :57 | Settlement (2) | YES | Settlement (1) |
| :58 | Beneficiary (2) | YES | Beneficiary (1) |
| :72 | Sender To Receiver Information | NO |  |

## Purpose of the message MT300

Confirms information agreed to in the buying/selling of two currencies

## Scope of the message MT300

The MT 300 is used to:

* confirm the details of a new contract between the parties
* confirm an exercised foreign currency option
* confirm the details of an amendment to a previously sent confirmation
* cancel a previously sent confirmation
* report to a trade repository

Links :

<http://www.iotafinance.com/en/SWIFT-ISO15022-Message-type-MT300.html>

<https://en.wikipedia.org/wiki/Foreign_exchange_spot>

<https://www.investopedia.com/terms/o/outright-forward.asp>

<https://en.wikipedia.org/wiki/Foreign_exchange_swap>

<https://www.investopedia.com/terms/n/ndf.asp>