



Relevance Based Matching

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What is Relevance Based Matching?

Binary Matching

Evaluates attributes via Logic

Resolves to boolean values (true/false)

Supports 1 outcome per rule

Tokens Compartors

Dictionaries

Auto and Suspect Matches **Relevance Matching**

Evaluates attributes via weightings Besolves to pumeric

Resolves to numeric score

Supports multiple outcomes per rule





Fewer Match Rules required to manage the same dataset



Create more dynamic rules for better match results



Prioritization of better matches for evaluation first



How To Create a Relevance based Match Rule

OR

Create match rule
Match by Operational Value (OV) only Disable if you wish to match on all values
Advanced settings 👻
Match type
Match using Relevance based rule type (i)
Match action (i) Action label (i) Relevance score range (i)
Automatically merge 🗸
Label
0.51
0 0.5 1
1

```
"uri": "configuration/entityTypes/HCP/matchGroups/ByNames",
"label": "By Names",
"type": "relevance based",
"rule": {
    "and": {
        "exact": [
            "configuration/entityTypes/HCP/attributes/FirstName",
            "configuration/entityTypes/HCP/attributes/LastName"
        ],
        "exactOrAllNull": [
            "configuration/entityTypes/HCP/attributes/Suffix"
    },
    "weights":
            "attribute": "configuration/entityTypes/HCP/attributes/Suffix",
            "weight": 0.2
    ],
    "actionThresholds": [
            "type": "auto merge",
            "threshold": "0.8-1.0"
        },
            "type": "potential_match",
            "threshold": "0.4-0.8"
    1,
    "matchTokenClass": "com.reltio.match.token.ExactMatchToken"
```



Demo



Best Practices



Always set your action type to **potential_match** while developing



Set your **actionThresholds** ranges to be contiguous with no gaps



Set meaningful labels for each match group







Questions?