

Enrichment Overview and Configuration

Last Modified on 01/27/2025 12:23 pm EST

Overview

Data enrichment refers to the process of adding additional data above the extraction data. You can add this enrichment data from a master database.

You can validate and update the enrichment data in the portal on the Eyeball page.
For details, see [this article](#).

Prerequisites

Make sure you have `enrichment.yaml` and `InvoiceLineItem-invoice-enrichment.yaml` configuration files defined in the system.

Configuration

The predefined configuration in yaml files define the criteria for deciding from where and which data is fetched for enrichment. The two sources to take data from can be the side-car or a master data.

Template

`enrichment.yaml`

```

kind: document
metadata:
  name: extraction/v1/document-classification
spec:
  nodes:
    - if: true
      then:
        name: Creation_Date
        value: '@Creation_Date'
    - if: true
      then:
        name: Image_Name
        value: '@Image_Name + ".pdf"'
    - if: true
      then:
        name: OCR_Id
        value: 'ToString(ToGuid(wf.Variables["transactionGuid"]))'
    - if: true
      then:
        name: OCR_Index_Date_Time
        value: 'wf.CreatedAt'
    - if: true
      then:
        name: currency
        value: USD
    - if: 'it["TotalTax"].Value == null'
      then:
        name: TotalTax
        value: 0
    - if: true
      then:
        name: OpcoCode
        value: '@Data.Query("GetOpCoFromAddress", new object[] { ToString(it["BillingAddress"]?.Value), ToString(it["ShippingAddress"]?.Value), ToString(it["soldToAddress"]?.Value), ToString(it["CustomerAddress"]?.Value) }).opco_code'
    - if: true
      then:
        name: VendorUpdateRequired
        value: false
    - if: '!string.IsNullOrEmpty(it["Invoiceld"]?.Value?.ToString())'
      then:
        name: Invoiceld
        value: 'Join(it["Invoiceld"]?.Value?.ToString().ToCharArray().Where(char.IsLetterOrDigit(it)), "")'

```

Parameter	Description
If then	The condition to execute the rule for enrichment.

For example, in the above template:

- If there is an OCR_Id field then the value for the field will be the workflow variable named "transactionGuid".
- If there is a currency field then the currency value is set to USD.

```

- if: true
  then:
    name: OCR_Id
    value: 'ToString(ToGuid(wf.Variables["transactionGuid"]))'

```

- the extraction returns null if it can't find content of a field, so while enrichment the system replaces null to 0.
In the example below, since the total tax value is 'null', so it is replaced and the total tax value after enrichment is 0.

```
- if: 'it["TotalTax"].Value == null'  
  then:  
    name: TotalTax  
    value: 0
```

InvoiceLineItem-invoice-enrichment.yaml

```
- if: true  
  then:  
    name: LineItemNumber  
    value: '@Index'
```

For example, in the above configuration, if the enrichment is enabled then the value of the LineItemNumber field will be the running number for each line item in the system.