

Expanding JSON Filter

The Expand JSON filter can transform JSON objects in your data set into multiple separate new columns.

As an example, if you had a column with a JSON object like: {"first_name": "John", "last_name": "Doe"}, the Expand JSON Filter could extract those values from your JSON and create the following columns:

- first_name
- last_name

To apply the Expand JSON filter:

1. Select **Expand JSON**.
2. Select **Add Filter**.

The **Expand JSON** dialog opens.

JSON column name:

Name of column to be extracted. Required.

JSON Path root:

[JSONPath](#) where the extraction begins. Examples: \$.store.book[0].title or \$('store')['book'][0]['title']

Default timezone:

Default Timezone of timestamp columns if the value itself doesn't include time zone.

Expanded JSON column:

Keep the original column after expansion?

Invalid record:

Stop processing if we encounter an invalid record?

Cache provider:

Cache provider name for JsonPath.

3. Select **Add** to add details for Expanded Columns. This is necessary for the Expand JSON filter to be applied.

Expanded Columns:

Column name:

Name of column defined by [JSONPath](#) from root.

Data type:

Data type of the column value

4. Edit the parameters and select **Next**.

Parameter	Description
JSON column name (required)	Name of the column to be extracted

JSON Path root	JSON Path where the extraction begins
Default timezone	Default timezone of timestamp columns if not included in the value
Expanded JSON column	If checked, the original column will be kept after expansion
Invalid record	If checked, the import will be stopped if an invalid record is encountered
Cache provider	Cache provider name for JSON Path
Expanded Columns	
Column name	Name of column defined by JSON Path
Data type	Data type of the column value