field.convert

Convert the type of a field.

Description

Convert takes the field of one type and converts it into another type (e.g. string to integer). The applicable types are string, int, float and bool. Converting can be done between any combination of types. Note that booleans will be converted to numeric values 1 (true) and 0 (false). Processor is only applicable to.Key ,.Payload.Before and.Payload.After prefixes, and only applicable if said fields contain structured data. If the record contains raw JSON data, then use the processorjson.decode to parse it into structured data first.

Configuration parameters

- YAML
- Table

version :

2.2 pipelines : -

id : example status : running connectors :

define source and destination ...

processors : -

id : example plugin :

"field.convert" settings :

Field is the target field that should be converted. Note that you

can only convert fields in structured data under .Key and

.Payload.

For more information about the format, see [Referencing

fields](https://conduit.io/docs/processors/referencing-fields).

Type: string

field :

""

Type is the target field type after conversion, available options

are: string, int, float, bool.

Type: string

type :

"" Name Type Default Description field string .css-145lt8w{max-width:100%;font-family:"Roboto","Helvetica","Arial",sans-serif;font-size:0.8125rem;display:-webkit-inline-box;display:-webkit-inline-flex;display:-ms-inline-flexbox;display:inline-flex;-webkit-align-items:center;-webkit-box-align:center;-ms-flex-align:center;align-items:center;-webkit-box-pack:center;-ms-flex-pack:center;-webkit-justify-content:center;justify-content:center;height:32px;color:rgba(0, 0, 0, 0.87);background-color:rgba(0, 0, 0, 0.08);border-radius:16px;white-space:nowrap;-webkit-transition:background-color 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms,box-shadow 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms;transition:background-color 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms,box-shadow 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms;cursor:unset;outline:0;-webkit-text-decoration:none;text-decoration:none;border:0;padding:0;vertical-align:middle;box-sizing:border-box;}.css-145lt8w.Mui-disabled{opacity:0.38;pointer-events:none;}.css-145lt8w .MuiChip-avatar{margin-left:5px;margin-right:-6px;width:24px;height:24px;color:#616161;font-size:0.75rem;}.css-145lt8w .MuiChip-avatarColorPrimary{color:#fff;background-color:#1565c0;}.css-145lt8w .MuiChip-avatarColorSecondary{color:#fff;background-color:#7b1fa2;}.css-145lt8w .MuiChip-avatarSmall{margin-left:4px;margin-right:-4px;width:18px;height:18px;font-size:0.625rem;}.css-145lt8w .MuiChip-icon{margin-left:5px;margin-right:-6px;color:#616161;}.css-145lt8w .MuiChip-deleteIcon{-webkit-tap-highlight-color:transparent;color:rgba(0, 0, 0, 0.26);font-size:22px;cursor:pointer;margin:0 5px 0 -6px;}.css-145lt8w .MuiChip-deleteIcon:hover{color:rgba(0, 0, 0, 0.4);} .css-9iedg7{overflow:hidden;text-overflow:ellipsis;padding-left:12px;padding-right:12px;white-space:nowrap;} null Field is the target field that should be converted. Note that you can only convert fields in structured data under.Key and.Payload .

For more information about the format, see Referencing fields . type string .css-145lt8w{max-width:100%;font-family:"Roboto","Helvetica","Arial",sans-serif;font-size:0.8125rem;display:-webkit-inline-box;display:-webkit-inline-flex;display:-ms-inline-flexbox;display:inline-flex;-webkit-align-items:center;-webkit-box-align:center;-ms-flex-align:center;align-items:center;-webkit-box-pack:center;-ms-flex-pack:center;-webkit-justify-content:center;justify-content:center;height:32px;color:rgba(0, 0, 0, 0.87);background-color:rgba(0, 0, 0, 0.08);border-radius:16px;white-space:nowrap;-webkit-transition:background-color 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms,box-shadow 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms;transition:background-color 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms,box-shadow 300ms cubic-bezier(0.4, 0, 0.2, 1) 0ms;cursor:unset;outline:0;-webkit-text-decoration:none;text-decoration:none;border:0;padding:0;vertical-align:middle;box-sizing:border-box;}.css-145lt8w.Mui-disabled{opacity:0.38;pointer-events:none;}.css-145lt8w .MuiChip-avatar{margin-left:5px;margin-right:-6px;width:24px;height:24px;color:#616161;font-size:0.75rem;}.css-145lt8w .MuiChip-avatarColorPrimary{color:#fff;background-color:#1565c0;}.css-145lt8w .MuiChip-avatarColorSecondary{color:#fff;background-color:#7b1fa2;}.css-145lt8w .MuiChip-avatarSmall{margin-left:4px;margin-right:-4px;width:18px;height:18px;font-size:0.625rem;}.css-145lt8w .MuiChip-icon{margin-left:5px;margin-right:-6px;color:#616161;}.css-145lt8w .MuiChip-deleteIcon{-webkit-tap-highlight-color:transparent;color:rgba(0, 0, 0, 0.26);font-size:22px;cursor:pointer;margin:0 5px 0 -6px;}.css-145lt8w .MuiChip-deleteIcon:hover{color:rgba(0, 0, 0, 0.4);} .css-9iedg7{overflow:hidden;text-overflow:ellipsis;padding-left:12px;padding-right:12px;white-space:nowrap;} null Type is the target field type after conversion, available options are: string, int, float, bool.

Examples

Convertfloat

tostring

This example takes thefloat in field.Key.id and changes its data type tostring .

Configuration parameters

- YAML
- Table

version :

2.2 pipelines : -

id : example status : running connectors :

define source and destination ...

processors : -

id : example plugin :

"field.convert" settings : field :

".Key.id" type :

"string" Name Value field .Key.id type string

Record difference

Before After 1

{ 1

{ 2

"position": null, 2

"position": null, 3

"operation": "update", 3

"operation": "update", 4

"metadata": null, 4

"metadata": null, 5

"key": { 5

"key": { 6 - "id": 123.345 6 + "id": " 123.345 " 7

}, 7

}, 8

"payload": { 8

"payload": { 9

"before": null, 9

"before": null, 10

"after": { 10

"after": { 11

"foo": "bar" 11

"foo": "bar" 12

} 12

} 13

} 13

} 14

} 14

}

Convertint

tobool

This example takes theint in field.Payload.After.done and changes its data type tobool .

Configuration parameters

- YAML
- Table

version :

2.2 pipelines : -

id : example status : running connectors :

define source and destination ...

processors : -

id : example plugin :

"field.convert" settings : field :

".Payload.After.done" type :

"bool" Name Value field .Payload.After.done type bool

Record difference

Before After 1

{ 1

{ 2

"position": null, 2

"position": null, 3

"operation": "update", 3

"operation": "update", 4

"metadata": null, 4

"metadata": null, 5

"key": { 5

"key": { 6

"id": "123" 6

"id": "123" 7

}, 7

}, 8

"payload": { 8

"payload": { 9

"before": null, 9

"before": null, 10

"after": { 10

"after": { 11 - "done": 1 11 + "done": true 12

} 12

} 13

} 13

} 14

} 14

}

Convertstring

toint

This example takes the string in field.Key.id and changes its data type toint .

Configuration parameters

- YAML
- Table

version :

2.2 pipelines : -

id : example status : running connectors :

define source and destination ...

processors : -

id : example plugin :

"field.convert" settings : field :

".Key.id" type :

"int" Name Value field .Key.id type int

Record difference

Before After 1

{ 1

{ 2

"position": null, 2

"position": null, 3

"operation": "update", 3

"operation": "update", 4

"metadata": null, 4

"metadata": null, 5

"key": { 5

"key": { 6 - "id": " 123 " 6 + "id": 123 7

}, 7

}, 8

"payload": { 8

"payload": { 9

"before": null, 9

"before": null, 10

"after": { 10

"after": { 11

"foo": "bar" 11

"foo": "bar" 12

} 12

} 13

} 13

} 14

} 14

}