Mapping expression reference

DATEV Export Pro Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

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EXTENSION
Magento 2 Extension DATEV Export Pro

Mapping expression reference

The same expression processor is used for booking CSV, XML, and customer master data mappings.

Available objects

- invoice mappings use `invoice.*`
- credit memo mappings use `creditmemo.*`
- customer master data uses `customer.*` and `address.*`

Dot notation follows Magento data objects and related records. Common examples include `invoice.increment_id`, `invoice.order.increment_id`, and `invoice.order.billing_address.country_id`.

Constants and templates

Use single quotes for a constant:

```
'EUR'
''
```

Use braces for a template:

```
Invoice {{invoice.increment_id}}
```

The `+` operator joins strings:

```
invoice.order.customer_firstname + ' ' +
invoice.order.customer_lastname
```

Conditions and arithmetic

A ternary expression selects one of two values:

```
invoice.grand_total > 0 ? 'S' : 'H'
```

Supported comparisons are `==`, `!=`, `>`, `<`, `>=`, and `<=`. Numeric expressions can use `+`, `-`, `*`, `/`, and parentheses.

Built-in formatting functions

The processor supports:

- `upper`, `uppercase`, `lower`, and `lowercase`
- `trim`, `length`, `strlen`, `substr`, and `substring`
- `replace` and `concat`
- `round`, `floor`, `ceil`, and `abs`
- `default` and `ifempty`
- `number_format`

Examples:

```
upper(invoice.order.customer_lastname)
default(invoice.order.customer_email, 'missing@example.com')
number_format(invoice.grand_total, 2, ',', '')
```

The example address uses a reserved domain. Use a meaningful operational fallback in production, or leave the value empty if the receiving format permits it.

Provider functions and Magento configuration

Call a registered provider with `function:getRevenueAccount`. See Mapping functions.

Read a Magento configuration value with:

```
config:general/store_information/name
```

Null defaults

CSV and XML have separate **Variable Default Values** fields. A key must be the exact unresolved path, not the output column name. Validate the mapping and export a document that is missing the field before relying on the fallback.