



**SOFTWARESILOS**

# **B2B Quote Documentation**

PDF Manual

MODULE

**b2b-quote**

LAST UPDATED

**2026-03-29**

# PDF Designer Add-On

B2B Quote Documentation · /b2b-quote/addons/pdf-designer

Visual drag & drop PDF layout editor for quote exports.

This add-on is:

- Composer package: `mageb2b/b2b-quote-pdfdesigner`
- Magento module: `MageB2B_B2BQuotePdfDesigner`

## What You Get

- Visual layout editor in the Magento admin
- Layout storage (DB) + repository
- Variable system (built-in + extendable via providers)
- Rendering pipeline (PDF renderer + element renderers)

Screenshot placeholder: custom layout tile in the selector  
File: `./_screenshots/pdf-custom-layout.png`

## Installation

### 1) Require package

```
composer config bearer.repo.softwaresilo.io <token>
composer config repositories.softwaresilo composer
https://repo.softwaresilo.io/
composer require mageb2b/b2b-quote-pdfdesigner:*
```

### 2) Enable module + run setup

```
php bin/magento module:enable MageB2B_B2BQuotePdfDesigner
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy
php bin/magento cache:flush
```

## Where To Configure It (Admin)

- PDF layout selector: **Stores** → **Configuration** → **MageB2B** → **B2B Quote** → **PDF Settings**
  - config key: `b2bquote/pdf/pdf_layout`

See:

- [PDF Export & Layouts](#)
- [Settings Reference](#)

Screenshot placeholder: PDF designer UI / layout editor  
File: ./\_screenshots/pdf-designer-ui.png

## Variables

Variables are resolved during PDF generation.

### Template Syntax

Variables use `{{variable_code}}` with optional formatting:

```
{{my_variable}}           // Raw value
{{my_variable|uppercase}} // UPPERCASE
{{my_variable|date:Y-m-d}} // Custom date format
{{my_variable|currency}}  // Currency format
{{my_variable|truncate:50}} // Max 50 chars
```

### Variable Types

| Type     | Description              |
|----------|--------------------------|
| string   | Plain text               |
| number   | Numeric value            |
| currency | Money amount (formatted) |
| date     | Date/time (formatted)    |

## Adding Custom Variables (Developer)

Third-party modules can add custom variables to the designer UI by registering a variable provider.

### 1) Create a Variable Provider

```
<?php
declare(strict_types=1);

namespace Vendor\Module\Model\Variable\Provider;

use MageB2B\B2BQuotePdfDesigner\Api\VariableProviderInterface;
use MageB2B\B2BQuotePdfDesigner\Model\Variable\VariableDefinition;

class CustomProvider implements VariableProviderInterface
{
    public function getCategoryCode(): string
    {
        return 'custom';
    }
}
```

```

public function getCategoryLabel(): string
{
    return (string)__('CUSTOM');
}

public function getSortOrder(): int
{
    return 100;
}

public function getVariables(): array
{
    return [
        new VariableDefinition(
            code: 'my_variable',
            label: __('My Variable'),
            description: __('Description for UI'),
            type: 'string' // string, number, currency, date
        ),
    ];
}

public function canResolve(string $variableCode): bool
{
    return $variableCode === 'my_variable';
}

public function resolve(string $variableCode, array $context): mixed
{
    $quote = $context['quote'] ?? null;
    $store = $context['store'] ?? null;

    return match ($variableCode) {
        'my_variable' => 'resolved value',
        default => ''
    };
}
}

```

## 2) Register the Provider (DI)

```

<type name="MageB2B\B2BQuotePdfDesigner\Model\Variable\ProviderPool">
    <arguments>
        <argument name="providers" xsi:type="array">
            <item name="custom"
xsi:type="object">Vendor\Module\Model\Variable\Provider\CustomProvider</ite
m>
            </argument>
        </arguments>
    </type>

```

## Context Data

The `$context` array contains:

- `quote` (B2B quote model)
- `store` (store model)
- `page_number` (current page number)
- `page_count` (total pages)

## Troubleshooting

### UI Not Loading / Missing JS

```
php bin/magento setup:static-content:deploy
php bin/magento cache:flush
```

See also:

- [PDF Export & Layouts](#)