

# Try it out

The demo instance gives you a fully functional VeloxFactory environment — pre-loaded with report templates and example data. Everything you can do in a production setup you can do here, with one exception: print tasks do not reach a real printer.

**Report Configuration - Overview**

Created ▾ Creator ▾ Updated ▾ Updater ▾ Context ▾ Data Adapter ▾

Search ... Filter

**Report Configurations**

ID	Created	Updated	Preview	Report Name	Description	Context	Meta Data	Adapter
1	2026-05-27 19:54:58	2026-05-27 19:54:58		A5_KanBan	DinA5 KanBan card for operational stock tracking	Article	File Name: A5_KanBan.jrxml Size: 209.90 x 297.04 mm Resources: 1 Parameters: 1 Fields: 6	[ ] dyn.array
2	2026-05-27 19:54:58	2026-05-27 19:54:58		A4_Invoice	DinA4 proforma invoice for logistic operations	Invoice	File Name: A4_Invoice.jrxml Size: 209.90 x 297.04 mm Resources: 1 Parameters: 6 Fields: 6	[ ] dyn.array
3	2026-05-27 19:54:59	2026-05-27 19:54:59		65x38mm_ArticleLabel	65x38mm Article label with company icon for inbound label printing	Article	File Name: 65x38mm_ArticleLabel.jrxml Size: 64.91 x 37.75 mm Resources: 1 Parameters: 6 Fields: 0	[ ] dyn.array

## Access

**Demo URL:** [demo.veloxfactory.kiwi-software.dev](https://demo.veloxfactory.kiwi-software.dev)

**Login:**  · **Password:**

The demo account has full access to all report data — Report Configs, History Records, Print Tasks, Connection Configs, Contexts, and Common Resources. It can also generate and use API tokens. User management is not available.

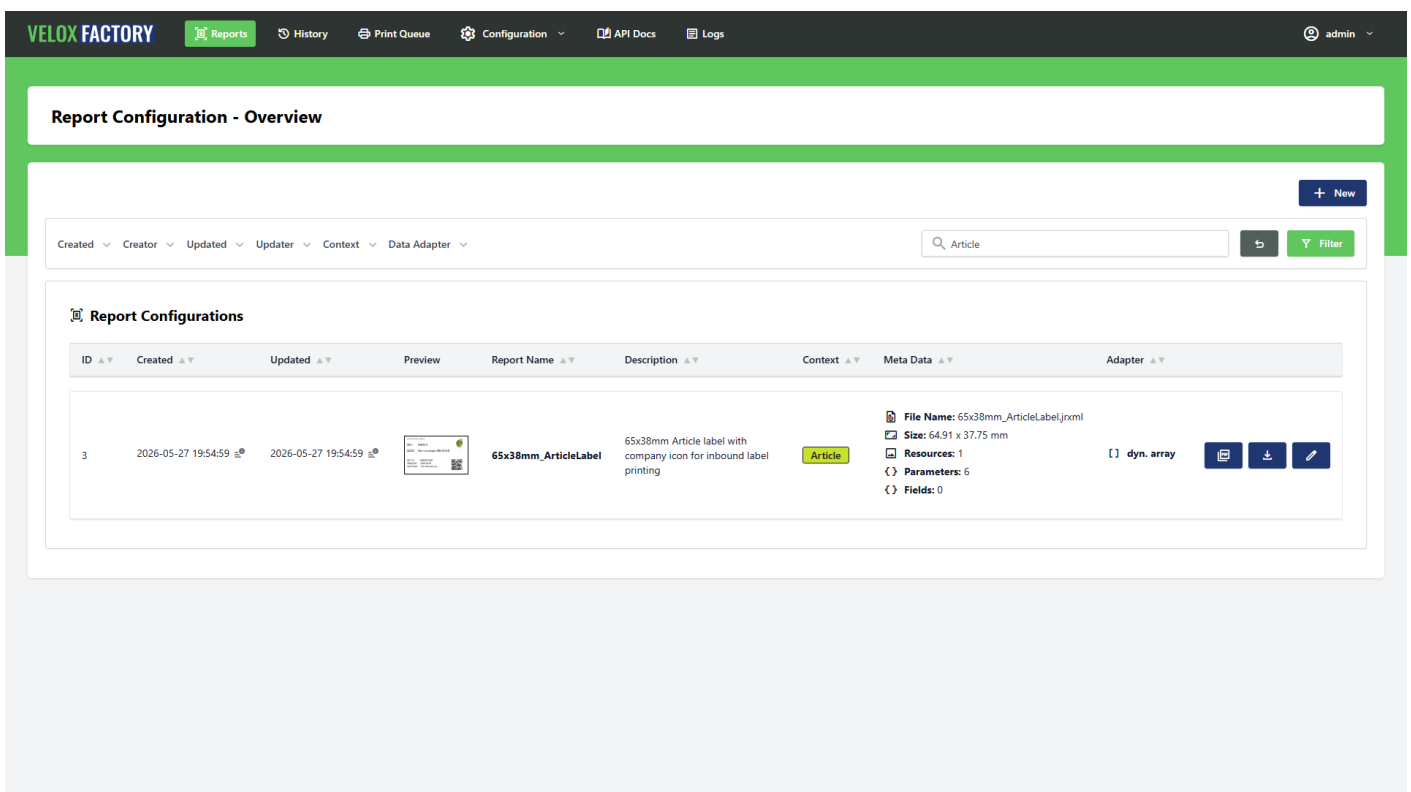
# Guided Tour

Work through these steps in order for a complete first look at VeloxFactory.

## Step 1 — Browse the Report Configs

After logging in you land on the **Report Configs** list. This is the central workspace. Each card shows a thumbnail preview of the report and its context badge.

Use the search bar to filter by name, or use the dropdown filters to narrow by context or data adapter. Try typing part of a report name — the list updates instantly, no page reload.



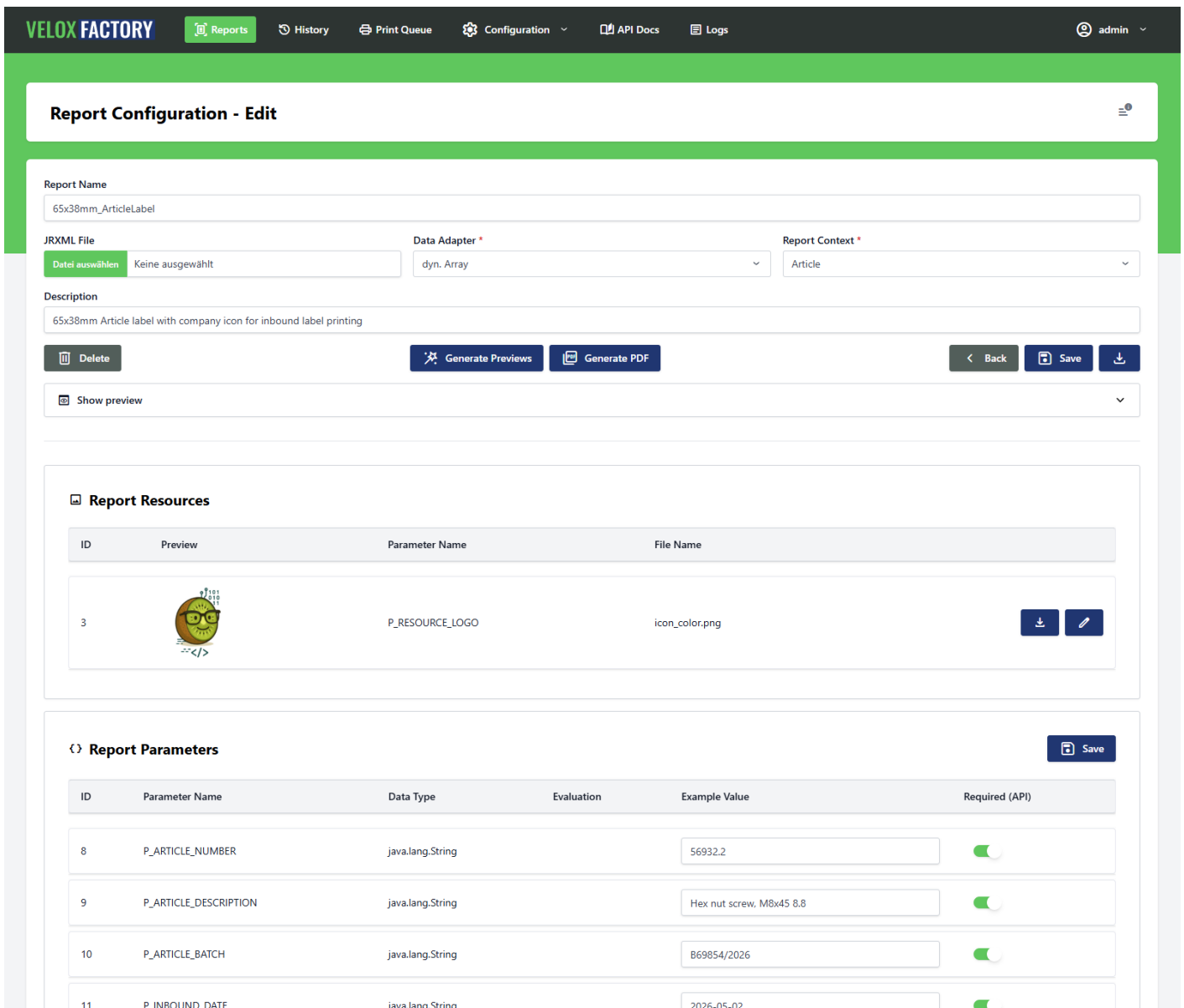
## Step 2 — Explore a Report Config

Click any report to open its detail view. Here you can inspect:

- **Parameters** — the inputs the report expects at render time, with their data types and example values
- **Fields** — the data columns that populate the report body
- **Resources** — image assets embedded in the template (logos, icons)

- **Preview** — the rendered thumbnail, generated from the stored example values

Scroll through the sections to get a feel for what VeloxFactory extracts from a `.jrxml` file automatically on upload.



**Report Configuration - Edit**

Report Name: 65x38mm\_ArticleLabel

JRXML File: Datei auswählen | Keine ausgewählt

Data Adapter: dyn. Array


Report Context: Article

Description: 65x38mm Article label with company icon for inbound label printing

Buttons: Delete, Generate Previews, Generate PDF, Back, Save, Download

Show preview

### Report Resources

ID	Preview	Parameter Name	File Name
3		P_RESOURCE_LOGO	icon_color.png

### Report Parameters

ID	Parameter Name	Data Type	Evaluation	Example Value	Required (API)
8	P_ARTICLE_NUMBER	java.lang.String		56932.2	<input checked="" type="checkbox"/>
9	P_ARTICLE_DESCRIPTION	java.lang.String		Hex nut screw, M8x45 8.8	<input checked="" type="checkbox"/>
10	P_ARTICLE_BATCH	java.lang.String		B69854/2026	<input checked="" type="checkbox"/>
11	P_INBOUND_DATE	java.lang.String		2026-05-02	<input checked="" type="checkbox"/>

## Step 3 — Render a Report from the Frontend

From within a Report Config, click the **Generate PDF** button. A dialog opens with pre-filled parameter values (taken from the example values stored on the config). You can edit any of them before rendering.

Select an output type — **Base64** is fine for a quick look — and click **Generate PDF**. VeloxFactory processes the request and shows the resulting PDF inline within seconds. No API call needed, no setup required.

VELOX FACTORY Reports History Print Queue Configuration API Docs Logs admin

### Report Configuration - Generate PDF

Report Name: 65x38mm\_ArticleLabel Data Adapter: dyn.Array

Description: 65x38mm Article label with company icon for inbound label printing

[Back](#) [Generate PDF](#)

Resources

#### Report Parameters

Empty parameters are not transferred.  
SQL adapters may use parameters for fetching detail data.

P_ARTICLE_NUMBER	P_ARTICLE_DESCRIPTION	P_ARTICLE_BATCH	P_INBOUND_DATE	P_ARTICLE_BARCODE	P_ARTICLE_SUPPLIER
56987.21	Hex nut screw, M8x45, 8.8 - black	B5687547/26	2026-05-27	698765432154	Screw Press Co.

## Step 4 — Check the History Record

Navigate to **Report History Records**. Your render from Step 3 appears at the top of the list (if you left `createHistoryRecord` enabled in the dialog). Open it to see the full log: the exact request payload, the API response, the rendered PDF, and a thumbnail.

From here you can download the PDF directly or trigger a reprint — which creates a new Print Task.

**Report History Record - Details**

Status: ✔ Ok

Created: 2026-05-27 19:54:58 | Updated: 2026-05-27 19:54:58 | Report Name: AS\_KanBan

Trace ID: 16b3dc08-ea33-4bc6-952e-88073fc4c66e | Data Adapter: dyn.Array | Output Type: Base64

Buttons: ← Back Print Delete

Actions: Copy Base64 Copy URL Download PDF

Show PDF: ▼

Show Print Tasks: ▼

**API Payload**

```
1- {
2-   "traceId": "292883a5-ab84-48b4-96fa-a5b6f1c0cfb7",
3-   "outputType": "base64",
4-   "useExampleValues": true,
5-   "parameters": {
6-     "P_ARTICLE_NUMBER": "4561287-154"
7-   },
8-   "data": [
9-     {
10-      "articleNumber": "1868745-584",
11-      "description": "Packing Carton Size 1 - 200x150x50mm",
12-      "moq": "250",
13-      "deliveryTime": "3 Days",
14-      "supplier": "Ninghao Packaging",
15-      "barcode": "5608E331AE713"
16-     }
17-   ]
18- }
```

Copy Payload

**API Response**

```
1- {
2-   "success": true,
3-   "count": 1,
4-   "message": ""
5- }
```

## Try It Yourself

Once you have completed the tour, these are good next things to explore on your own.

## Upload Your Own Template

If you have a `.jrxml` file designed in Jaspersoft Studio, you can upload it directly to the demo. Go to **Report Configs** → **Create**, attach the file, and let VeloxFactory analyse it. Within seconds, all parameters, fields, and resources are detected and listed automatically.

**i Use Jaspersoft Studio 6.21.5.** This is the version compatible with VeloxFactory's render engine. Download it from the [Jaspersoft Community](#). Reports created with a significantly newer version may use features the render engine does not support.

After upload, set any missing example values, upload resource files if needed, and click **Generate Preview** to produce a thumbnail. The report is then ready to render.

## Call the API Directly

The demo account has API access enabled. To get a token, open the user menu in the top right corner and go to **Account Settings** → **API Tokens** — copy it immediately, it is only shown once.

With the token in hand, render any report with a single HTTP request:

```
curl -X POST \
  https://demo.veloxfactory.kiwi-software.dev/api/v1/report-config/{reportName}/render \
  -H "Authorization: Bearer <token>" \
  -H "Content-Type: application/pdf" \
  -d '{
    "reportName": "demo-report",
    "printer": "demo-printer",
    "useExampleValues": true
  }'
```

Replace `{reportName}` with the `report_name` of any config from the list (visible in the detail view). The `useExampleValues` flag tells VeloxFactory to use the stored example values instead of requiring you to pass parameters and data manually — ideal for a first test.

The response contains the rendered PDF as a Base64 string and a trace ID you can look up in History Records.

## Explore Print Tasks

When rendering via the frontend or API, enable the print task option and provide any printer name (e.g. `demo-printer`). VeloxFactory creates a `ReportPrintTask` record with status **pending**. Since no print service is connected to the demo, the task stays pending — but you can inspect the full record and see how status tracking works. Completed print tasks are purged automatically after a configurable retention period.

## Demo Limitations

What	Behaviour in the demo
Print tasks	Created and traceable, but no real printer connected — tasks remain <b>pending</b> . Completed tasks are purged automatically.
Live SQL connections	Connection Configs can be created and tested, but no external databases are reachable from the demo environment.

What	Behaviour in the demo
User management	The demo account does not have admin rights — user accounts and permissions cannot be managed.
Data persistence	Uploaded templates, history records, and other data may be reset periodically.

**i Ready to go further?** See [Meet the Frontend](#) for a full walkthrough of the UI, or [Meet the API](#) for complete API documentation.

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Revision #9

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