

Migration Manager Plugin Documentation

Overview

The Migration Manager plugin enables migration of collections, workflows, and UI schemas between NocoBase instances. It safely exports and imports configuration structures without altering existing data.

Installation Guide

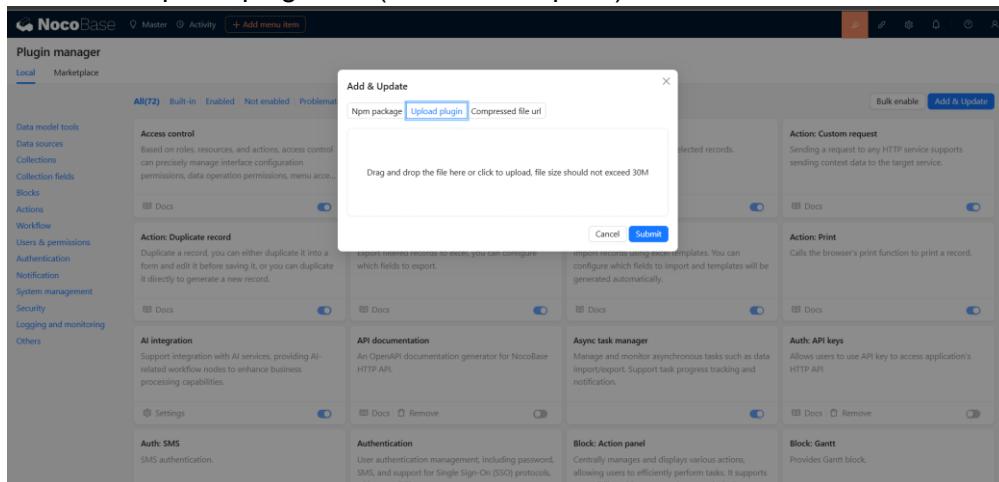
Follow these steps to install the plugin:

Git source :

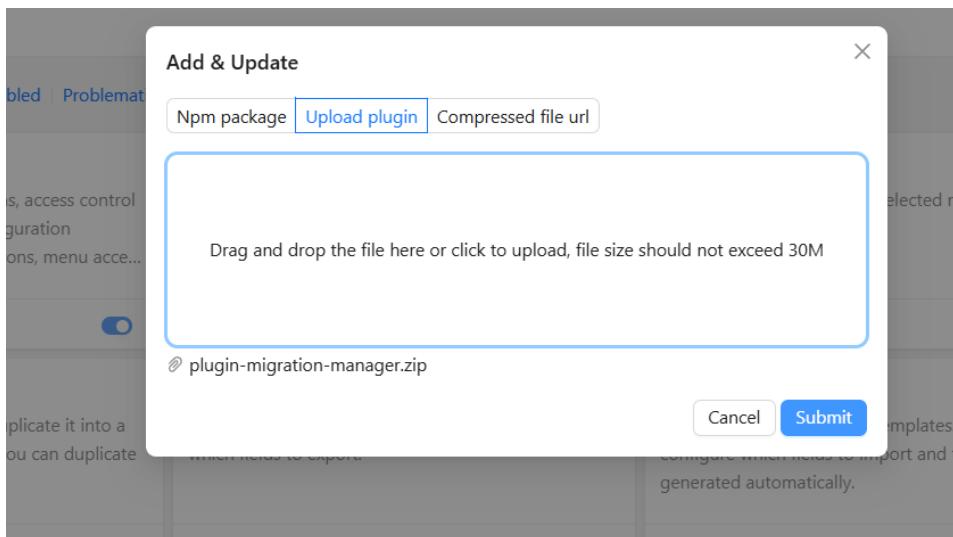
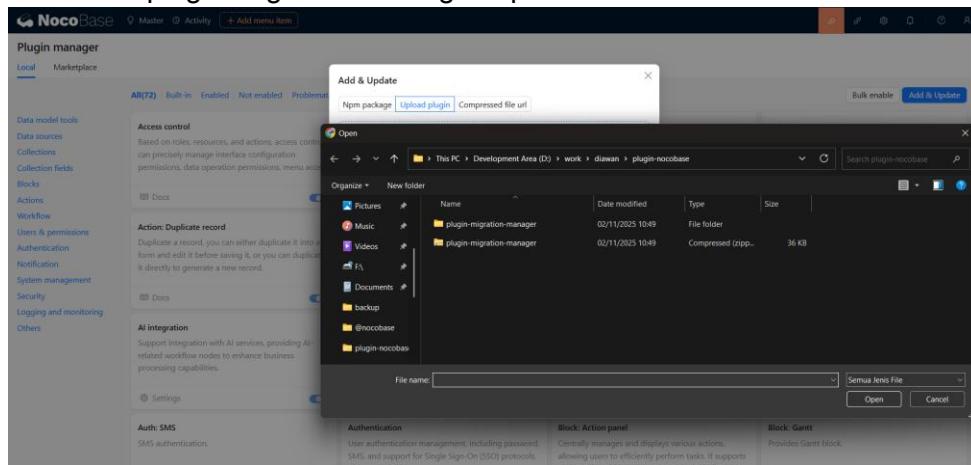
1. Ensure you have NocoBase installed (via Git or create-nocobase-app).
2. Confirm Node.js (version 18 or higher) and Yarn are installed.
3. Extract the ZIP file: unzip plugin-migration-manager.zip.
4. Copy the extracted folder into your NocoBase plugin directory:
/path/to/your/nocobase/packages/plugins/@nocobase/.
5. Install dependencies using: yarn install.
6. Build the plugin: yarn build packages/plugins/@nocobase/plugin-migration-manager or simply yarn build.
7. Enable the plugin via UI (Plugin Manager → Enable Migration Manager) or CLI:
yarn pm enable @nocobase/plugin-migration-manager.
8. Restart your server: yarn dev.
9. Verify that the 'Migration Manager' option appears under Settings.

Admin Nocobase :

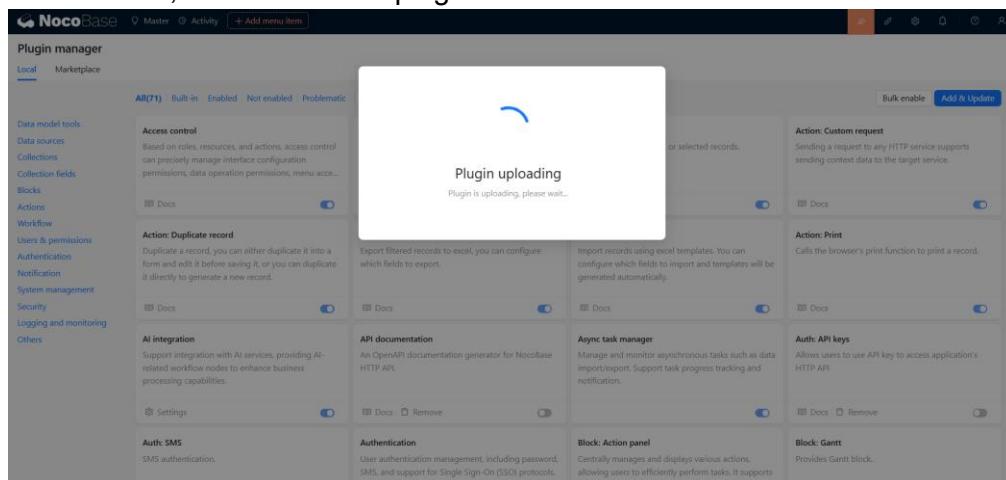
1. Prepare the plugin-migration-manager zip file.
2. Log in to the Nocobase page as an admin and go to the plugin manager menu.
3. To add the plugin-migration-manager, click the Add & Update button in the top right corner.
4. Select the upload plugin tab (since it's a zip file).



5. Select the plugin-migration-manager zip



6. Then submit, and wait for the plugin to be installed.



7. After a while, the plugin will be installed and appear in the plugin manager, but to display the menu, it must be enabled first (in the switch section) and can be seen in the settings.

The screenshot shows the NocoBase plugin manager interface. The 'Migration Manager' plugin is listed in the second row of the grid. Its status is currently set to 'Enable' (indicated by a blue switch icon). Other plugins shown include 'Graph collection manager', 'License settings', 'Locale tester', 'Localization', 'Logger', 'Mobile', 'Multi-app manager', 'Notification manager', 'Notification: Email', 'Notification: In-app message', 'Office File Previewer', 'Public forms', 'System settings', 'Text copy', and 'Theme editor'. Each plugin has a 'Docs' and 'Remove' button below its name.

The screenshot shows the NocoBase plugin manager interface. A modal dialog box is centered over the grid, displaying the message 'Enabling plugin' and 'syncing database in enable plugin migration-manager...'. The background grid of plugins is visible but appears dimmed or grayed out. The 'Migration Manager' plugin's status switch is now set to 'Syncing' (indicated by a yellow switch icon), while the other plugins remain in their previous states.

8. Only after it is enabled, it will appear in the settings menu, with the name Migration Manager, and the plugin will be successfully installed.

The screenshot shows the NocoBase application interface. At the top, there is a navigation bar with icons for Home, Master, Activity, and a plus sign for 'Add menu item'. Below the navigation bar is a search bar and a toolbar with various icons.

Collection Section:

Category	Description	Actions
Calendar	Provides calendar collection template and block for managing date data, typically for date/time related information such as events, appointments, tasks, and...	[Docs] [Remove]
Collection field: Many to many (array)	Allows to create many to many relationships between two models by storing an array of unique keys of the target model.	[Remove]
Collection: SQL	Provides SQL collection template	[Docs]
Data visualization	Provides data visualization feature, including chart block and chart filter block, support line charts, area charts, bar charts and more than a dozen kinds of...	[Docs]
Collection field: administrative divisions of China	Provides data and field type for administrative divisions of China.	[Docs] [Remove]
Collection field: Markdown(Vditor)	Used to store Markdown and render it using Vditor editor, supports common Markdown syntax such as list, code, quote, etc., and supports uploading image...	[Docs] [Remove]
Collection: Tree	Provides tree collection template	[Docs]
Departments	Organize users by departments, set hierarchical relationships, link roles to control permissions, and use departments as variables in workflows and...	[Remove]
Collection field: Attachment(URL)	Supports attachments in URL format.	[Remove]
Collection field: Sequence	Automatically generate codes based on configured rules, supporting combinations of dates, numbers, and text.	[Docs]
Data source manager	Manage data sources, including the built-in Master database, external databases, APIs, etc.	[Docs] [Settings]
Error handler	Handling application errors and exceptions.	[Docs]
Collection field: Formula	Configure and store the result between multiple field values supporting both Math.js and...	[Docs]
Collection field: Sort	Used to sort the data in a col...	[Docs]
Data source: Main	Nocobase main database, sup...	[Docs]
File manager	Provides files storage services with files collection template and attachment field.	[Docs] [Settings]

Settings Sidebar:

- AI integration
- Authentication
- Block templates
- Data sources
- Variables and secrets
- File manager
- License settings
- Logger
- Migration Manager** (selected)
- Mobile
- Notification manager
- Routes
- Security
- System settings
- Theme editor
- Users & Permissions
- Verification
- Workflow

Bottom Buttons:

- Export Selected Items

Usage

Exporting

1. Open Migration Manager under Settings.
2. Choose the type of items to export (Collections, Workflows, or UI Schemas).
3. Select the desired items and click “Export Selected Items”.
4. JSON file will be generated containing your configuration data.

Importing

1. Open the Import tab in Migration Manager.
2. Upload the exported JSON file from the development server.
3. Review the confirmation dialog for potential conflicts.
4. Click OK to import configurations safely.

Key Features

- Export and import NocoBase configuration data between environments.
- Support for collections, workflows, and UI schemas.
- Non-destructive import: existing data remains intact.
- Selective migration for detailed control.
- Fully integrated with NocoBase admin UI.

Troubleshooting

Plugin not showing up: Run yarn clean, rebuild, and re-enable the plugin.

Build errors: Delete build directories and rebuild the plugin.

Permission issues: Ensure admin login and verify ACL settings.

Uninstallation

To completely remove the plugin, execute the following commands:

```
yarn pm disable @nocobase/plugin-migration-manager
```

```
rm -rf packages/plugins/@nocobase/plugin-migration-manager
```

Support

For further assistance, check the server logs and browser console. Refer to the README file included with the plugin for the latest usage instructions.