Release notes v6.1

Important! Create a backup copy of your projects and connector repositories before updating to the new version. Projects saved in the new version can't be opened in versions earlier than **6.0**. Also, if your organization uses EasyMorph Server, please:

- If you're updating Server (Hub) from a version earlier than 6.0.1, **please read Release Notes 6.0.1 first**, because versions 6.x have many significant changes compared to earlier versions.

A few words from the creators of EasyMorph

This release introduces multiple significant improvements for EasyMorph Hub:

- **Querybooks** – a new Explorer feature that allows writing and executing SQL queries right in the Hub UI. Explore the query result in Analysis View, or download as a file.
- **OData endpoints** – now you can pull data from EasyMorph right into Excel, Power BI, Tableau, or any other reporting and data transformation tool that supports the OData protocol.
- **Per-user connectors** – Hub-hosted connectors that must be authenticated by individual space users before use. Users that didn't authenticate such connectors using their own credentials, can't run workflows that use them (or queries in Querybooks described above).
- External identity provider for **OpenID Connect** (with optional support for Keycloak roles as user groups)

What's new

Changes in existing connectors

The **Amazon S3** connectors with explicitly specified Region no longer work with buckets from other regions. If you need to use the same connector with buckets from different regions, switch the Region option to "Always autodetect". On the other hand, region autodetection no longer requires additional AWS S3 permissions.

The **Microsoft Exchange Online** connector now supports the Microsoft Graph API. Exchange Web Service (EWS), previously used by the connector, will be discontinued by Microsoft in October 2026. New Exchange Online connectors will use the Graph API right away; existing connectors need to be reauthorized somewhere before that date. Also, the connector no longer supports Windows authentication. Please refer to this Community post for details.

The **Oracle** connector now supports a custom fetch size.

The **Redshift** connector now returns column metadata for external and shared schemas.

Changes in existing actions

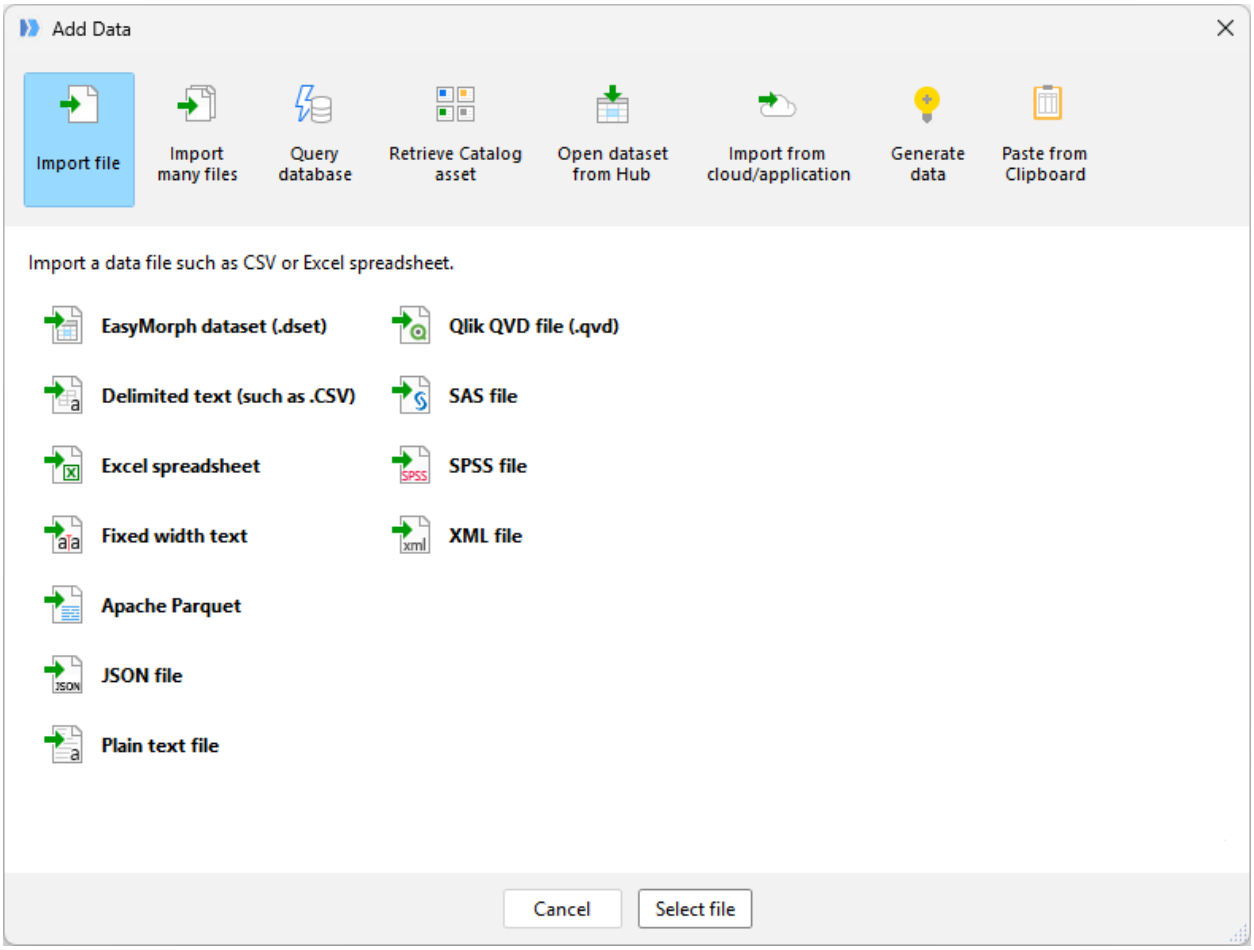
In the “Email command” action, the “List folders” command no longer returns virtual/system folders used with the Microsoft Exchange Online connector.

What’s new in Desktop

The new “Add data” dialog

We’ve slightly reworked the way to add new data to EasyMorph by introducing the new “Add data” dialog. There is no new functionality in it, it’s just a more organized way to pull data from different sources, including assets in the Hub’s Catalog.

It’s also uniform with the “Send/save to” dialog that allows saving/publishing datasets (action results).



Screenshot 1: The new "Add data" dialog.

Miscellaneous

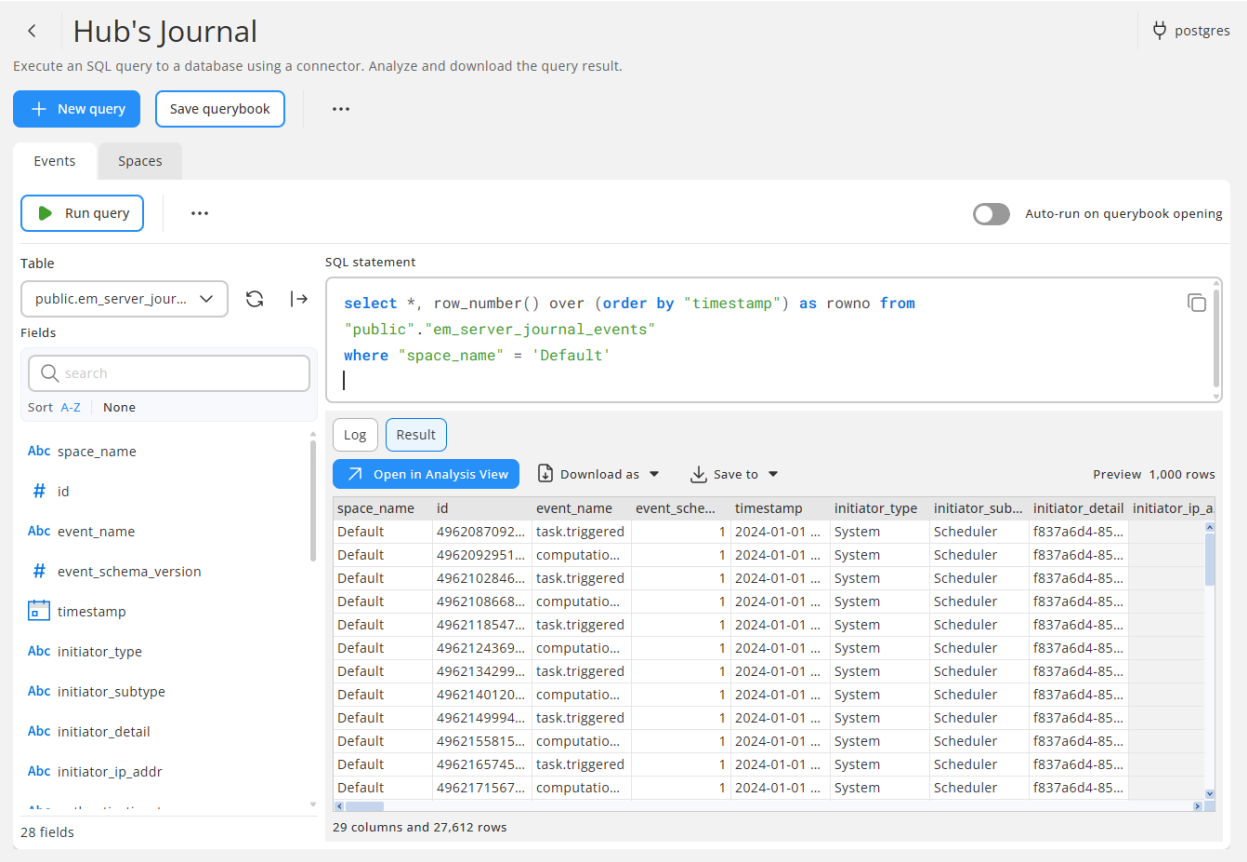
- Cross-tables now show the total of totals (in the right bottom corner).
- The “Create list” action now doesn’t lag when working with large lists.
- The Query Editor now preserves the maximized window state.
- It’s now possible to sort values in the Column Profiler by clicking the headers of the list of values
- The new Hub icon is used throughout the application

What’s new in Hub

Queries

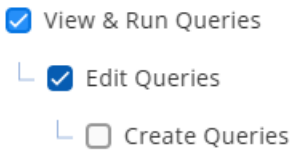
Queries is a new Explorer feature. Make sure to add the necessary permissions to user roles in order to use Queries, as they are turned off by default.

Queries allow running custom SQL statements, retrieve data, analyze it in Analysis View, or download as a file (e.g. a CSV file). The feature is intended for data analysis and engineers looking to have a simple but convenient tool for exploring and analyzing data in databases.



Screenshot 2: SQL queries in the Hub.

Queries are organized into *querybooks*. A querybook is a named collection of queries that use the same connector. You can run multiple queries in parallel, clone queries and querybooks, and work together on queries with other team members who have the necessary permissions. The permissions can be configured to allow only running queries, or using them in read-only mode without being able to save the changes, so it's possible to restrict the functionality available to users.



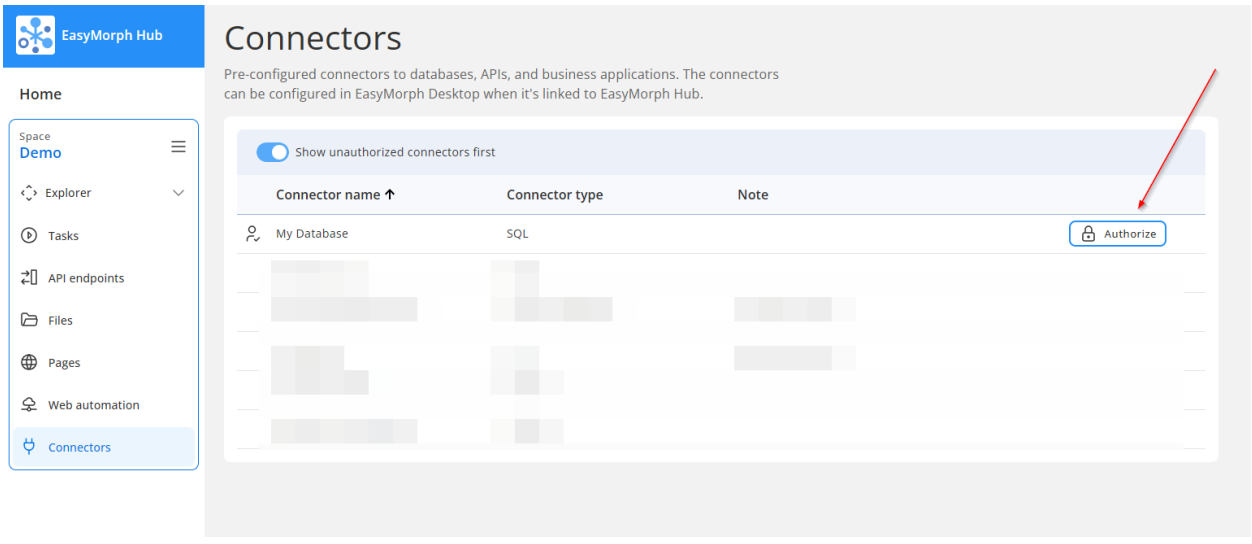
Screenshot 3: Permissions for using queries.

Queries use the connectors available in the current space. Security-wise, they can benefit from per-user connectors also introduced in this release.

"Per-user" connectors

Sharing pre-configured connectors with many users has long been a concern raised by some of our customers who deploy EasyMorph in environments with a large number of users. With this release, we're introducing "per-user" connectors. Unlike the usual "per-space" connectors, the "per-user" connectors share the common configuration settings, such as the database host and port, but each user must provide credentials individually in order to use the connector.

Such authorization can be provided using the "Connectors" feature on the Hub, introduced in the previous version. It displays a list of connectors available in the current space, and allows the user authorize a "per-user" connector, or revoke previously given authorization.



Screenshot 4: Authorization of a per-user connector.

The permission to authenticate “per-user” connectors is configured in the space settings (in user roles).

As of this release, the “per-user” mode has been added for two connector types:

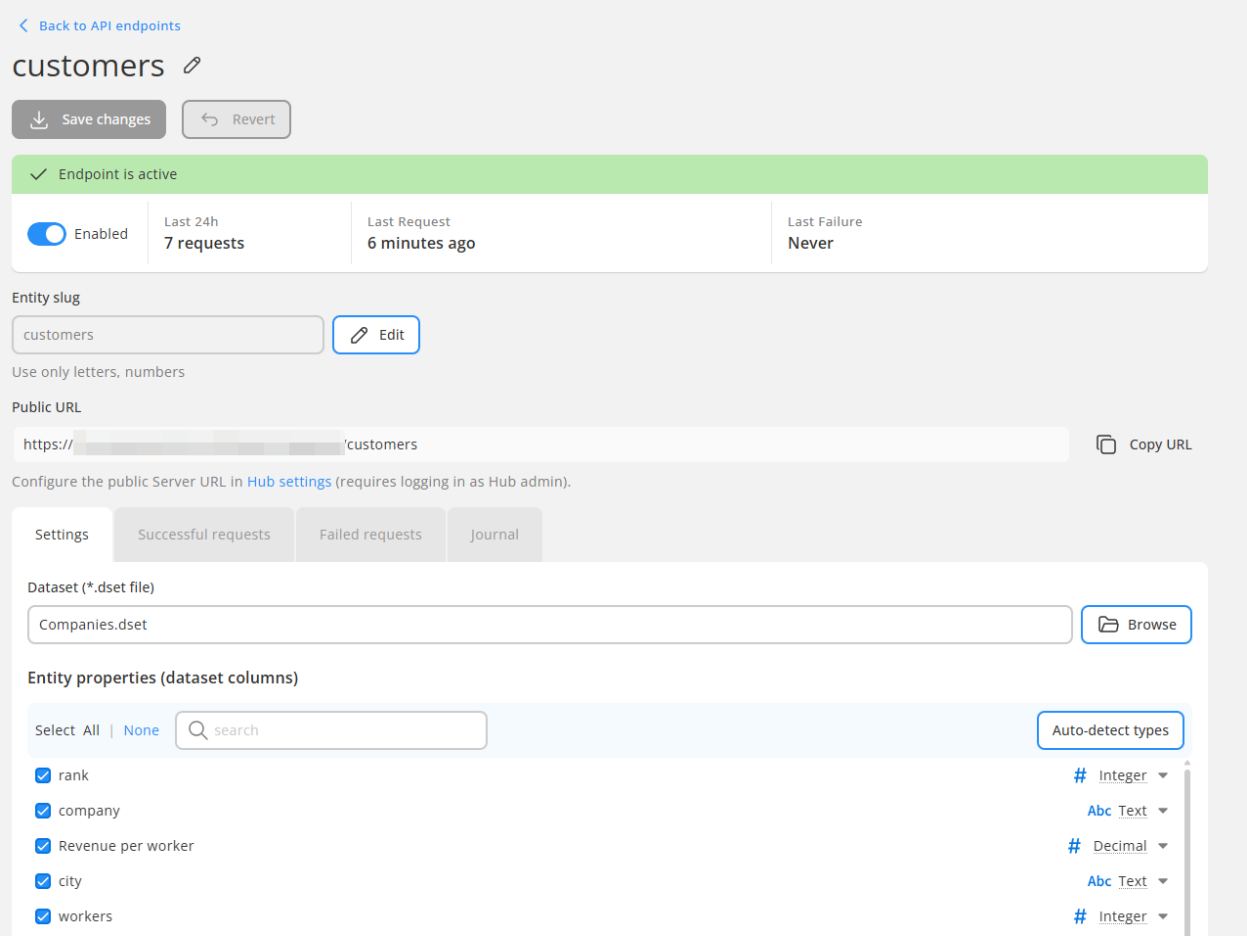
- PostgreSQL (native)
- OneDrive

More connectors will get the “per-user” mode in future versions and updates.

OData endpoints

EasyMorph Hub has long provided the ability to deploy custom (REST) APIs over the HTTP protocol. In this version, we’re expanding this feature and now support creating API endpoints that serve data using the industry-standard OData protocol. The protocol is especially well suited for data retrieval and is supported by a wide range of data applications, starting from Excel to data visualization tools such as Power BI and Tableau, to ETL applications and enterprise platforms.

With this addition, it is now possible to create live data connections in Excel and other applications, that can automatically pull up-to-date data right from EasyMorph Hub. It unlocks data stored in EasyMorph which now can be used to create reports and dashboards in a platform-agnostic, industry-standard way.

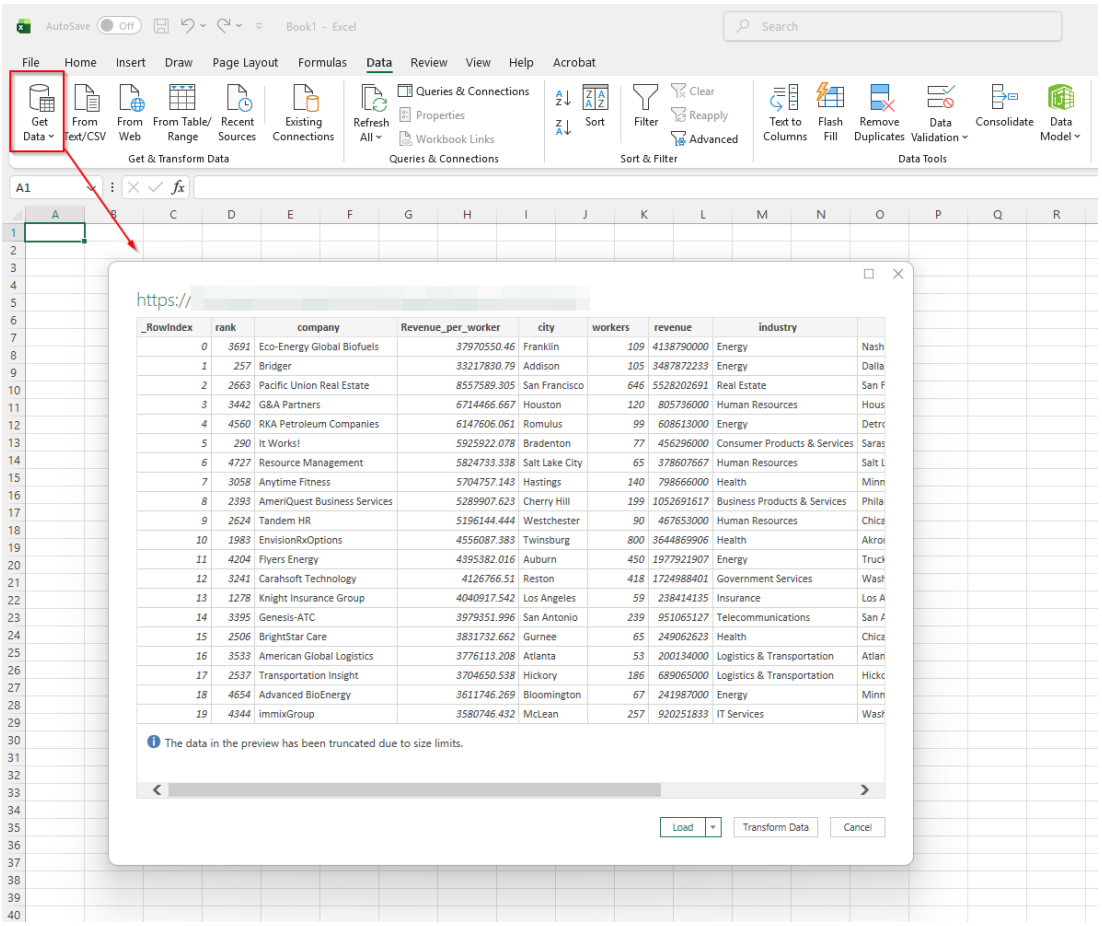


Screenshot 5: OData endpoint settings.

The OData endpoints in EasyMorph Hub can be used in two ways:

1. Use the endpoint's public URL directly (use this method for Excel or Power BI). Or,
2. Connecting to the OData service (which has a dedicated public URL in EasyMorph Hub), and then picking the necessary OData entity (table) from the metadata provided by the OData service (use this method for Tableau or Qlik).

Note that in the current implementation, OData endpoints do not support OData queries and return the requested dataset entirely.



Screenshot 6: OData feed imported from EasyMorph to Excel.

Support for parameters in asset shortcuts and issue attachments

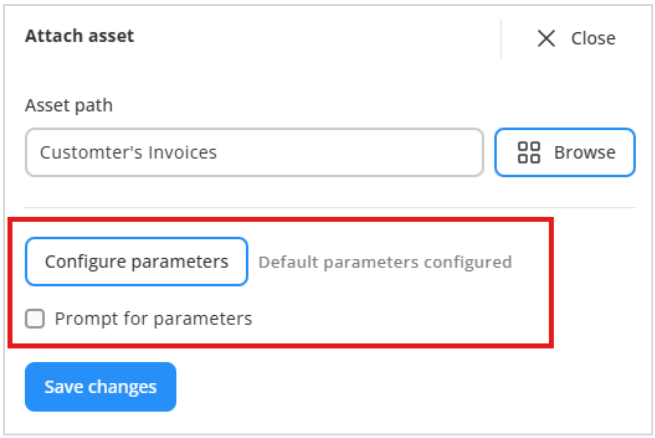
Now, when creating shortcuts to computed assets in Explorer boards, it's possible to customize these shortcuts:

- Specify non-default parameters
- Specify a custom label

The addition makes shortcuts more flexible. For instance, it's now possible to point shortcuts to the same Tableau dashboard (added as Catalog asset) but with different pre-configured filters.

A similar improvement was made for issue attachments. It was possible to specify non-default parameters when creating issues from workflows (using the "Raise issue" action). Now it's possible in the Hub UI as

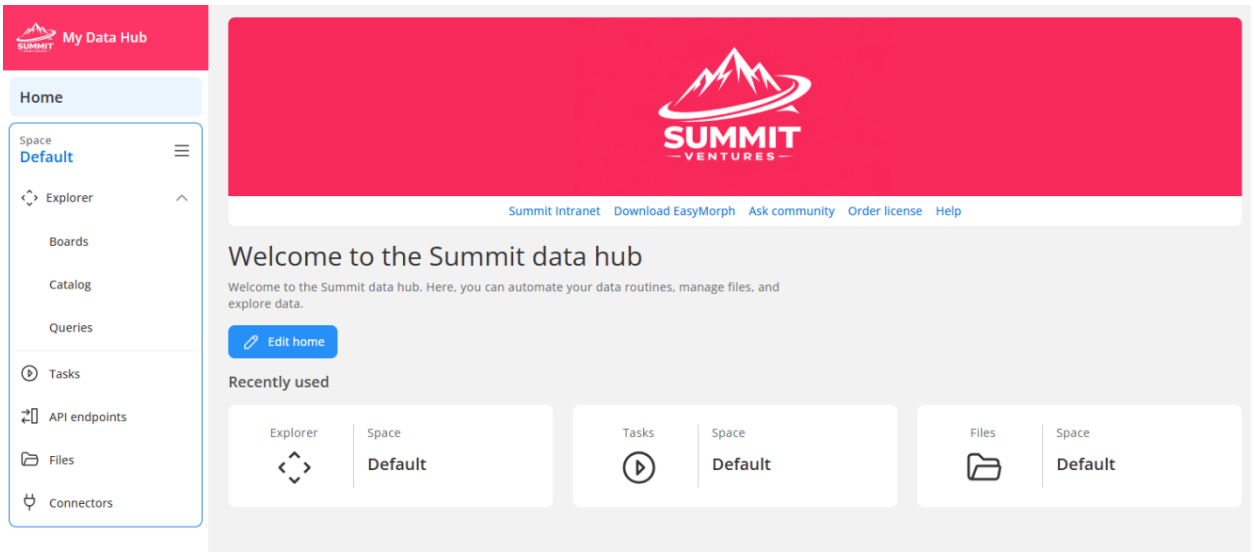
well. Using non-default parameters in attached assets makes it possible to provide context that is specific to each issue – data extracts, pre-filtered dashboards, links to CRM pages, etc.



Screenshot 7: Parameter configuration in issue attachments.

Home page customization

We know that some customers would like to have their Hubs company-branded. In older versions (5.x and earlier) EasyMorph Server supported custom themes, however custom themes have been deprecated in version 6. To enable custom branding, we've added the ability to customize the Hub, its Home page and the login screen:



Screenshot 8: A branded Home page.

You can now configure the follow customization settings:

- Change the logo and background color shown at the top-left corner of the Hub
- Change the text shown next to the logo in the top-left corner of the Hub

- Change the banner image shown at the top of the Hub homepage
- Add, edit or remove links shown immediately below the banner image on the Hub homepage.
- Change the title and text shown on the Hub homepage.

The settings above, except for the last line, also affect the Hub login page.

Open ID Connect as external identity provider

In addition to Active Directory and Entra ID, EasyMorph Hub now supports OpenID Connect (OIDC) as an external identity provider. It works out of the box for user accounts, however the OIDC standard doesn't specify user group resolution – they are provided via various vendor-specific methods that extend the standard. In this version, EasyMorph supports Keycloak roles for group resolution. Other methods might be added in future versions.

Miscellaneous

- Task groups are now collapsible/expandable
- Good/poor ranges can now be configured for Metrics and States assets in the Hub UI

Previous release notes

Link: Release notes for v6.0.1