

Blue Ant

Update Information 24.1



Dear Users,

In this document you will find an overview of new functions and functional enhancements that are available to you with Blue Ant version **24.1**. The most important new features are:

- New functions for replacing resources (page 10)
- New columns for resource key figures in dashboards (page 6)
- **Key controlling figures** widget expanded (page 7)
- New columns in project planning (page 9)
- New functions in the year view of the calendar (page 5)
- Blue Ant webhooks (page 12)

Important notes:

- For LDAP connections via TLS, the same validity checks for certificates (e.g. expiry date exceeded or signed by a certified CA) now apply as for other connections in Blue Ant. If you use self-created certificates, these must be added as approved under ADMINISTRATION / CUSTOMIZING / SYSTEM / SECURITY. Please check the LDAP connection after the update.
- With version 25.0 (LTS 2025), the following functions will be removed from Blue Ant:
 - Exchange Synchroniser
 - Service assignments
 - Reservation plans

If you have any questions or suggestions, please let us know via the Blue Ant support page (at blueant.de).

Wishing you success in your project work with Blue Ant

Your Blue Ant Team

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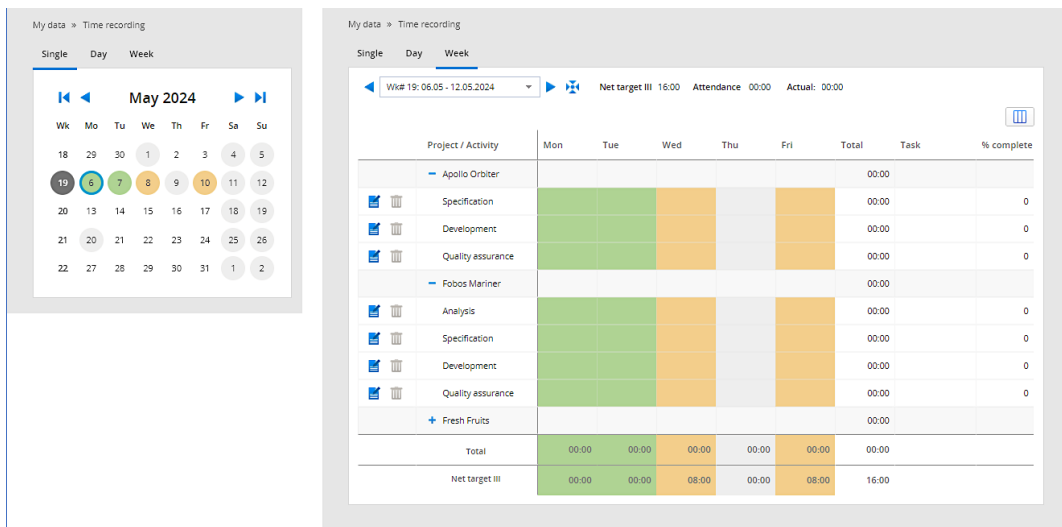
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1. Time recording

Optimisation of the colouring in the quick entry

In the **quick entry** of work-times (day and week), absences are now highlighted by **colour-coding** the days of absence in the same way as for individual entries. The colouring depends on the status (Approved, Requested, Planned).

The general colouring of the rows has also been adapted to better differentiate between projects and activities. The alternating background has been replaced by a light grey background for project rows and a white background for activity rows.



The screenshot displays two views of the time recording system. The left view shows a calendar for May 2024 with days color-coded: green for approved absences (6th, 7th, 8th, 9th, 10th) and orange for requested absences (11th, 12th). The right view is a detailed weekly summary for the week of 19.05.2024 to 25.05.2024. It shows a net target of 16:00 and actual attendance of 00:00. The table below details the time recording for various projects and activities.

Project / Activity	Mon	Tue	Wed	Thu	Fri	Total	Task	% complete
Apollo Orbiter						00:00		
Specification						00:00		0
Development						00:00		0
Quality assurance						00:00		0
Fobos Mariner						00:00		
Analysis						00:00		0
Specification						00:00		0
Development						00:00		0
Quality assurance						00:00		0
Fresh Fruits						00:00		
Total	00:00	00:00	00:00	00:00	00:00	00:00		
Net target III	00:00	00:00	08:00	00:00	08:00	16:00		

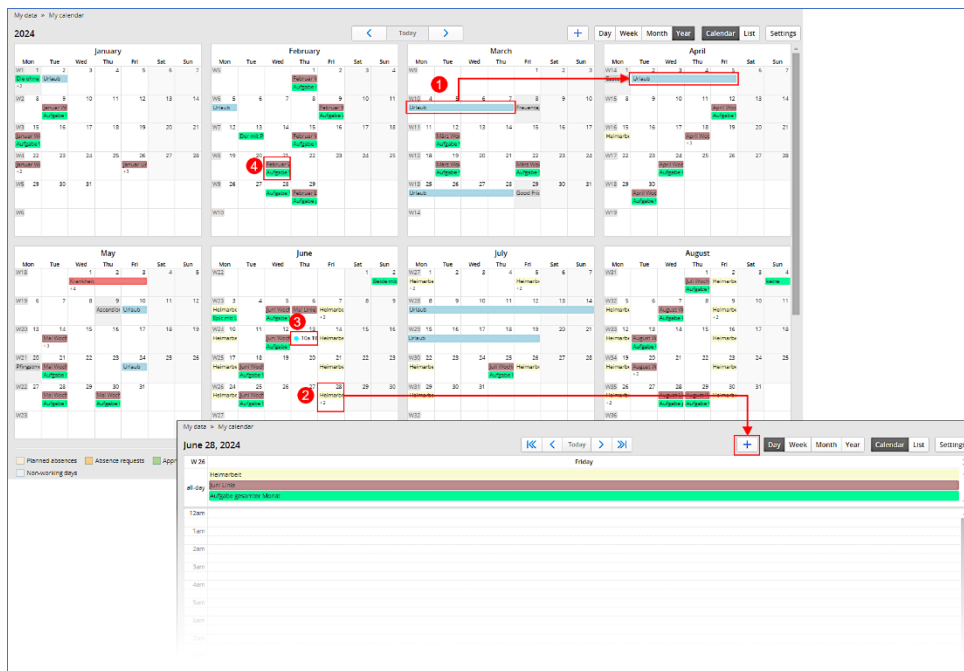
Colour coding of days of absence in the quick entry function

2. Calendar

New functions in the year view

The year view of the calendar has been revised and now offers the following additional functions:

- Entries can be moved using **drag & drop (1)**. This applies to the following types:
 - Absences
 - Appointments
 - ToDos
- When clicking on a day **(2)**, the day view of the respective date appears.
- Sub-daily entries **(3)** are displayed separately.
- New entries can be created on days on which other entries already exist.
- A maximum of three entries per day **(4)** are displayed.



New functions in the annual calendar under MY DATA / MY CALENDAR

3. Dashboards

Additional information in the "My activities" widget

You can now display the following columns in the **My activities** widget if required:

- Columns for percent complete:
 - Percent complete plan of the activity
 - Percent complete actual of the activity
 - Percent complete plan of the logged-in user
 - Percent complete actual of the logged-in user
- Columns of the following contexts:
 - Projects
 - Projects - Dashboard
 - Projects - Individual fields

New columns for resource key figures

Controlling key figures (e.g. actual, plan) can be displayed periodically on different screens and dashboards in Blue Ant. To obtain a cumulative value for these key figures over a longer period, there are now two new column groups for each key figure:

- Only key figure X (**Total periods**)
- Key figure X (**Project period**)

The new columns are available in the following areas:

- Dashboard widget **Project resources**
- Dashboard widget **Utilization**
 - Key figures only (**Total periods**)
- PROJECTS / PLANNING / RESOURCES

Start page

Project resources

1...9 of 9

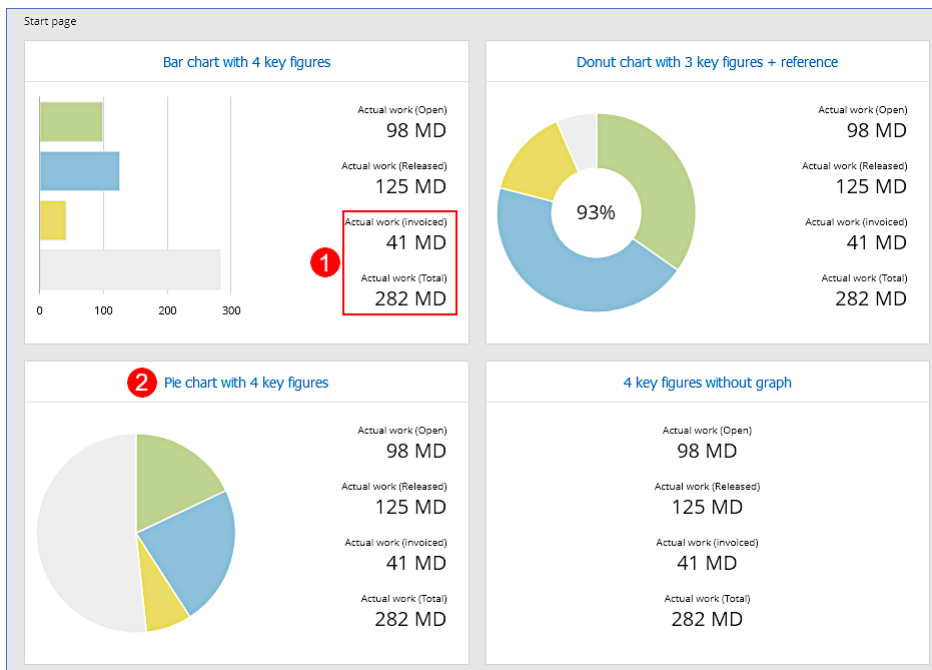
Project resource		Project	Project period				Σ Periods
			06.2024	07.2024	08.2024		
Name	Name	Reservation	Reservation	Reservation	Reservation	Reservation	
Berger, Ralf (I)	Apollo Orbiter	212,00	9,60	11,20	10,40	31,20	
Jessen, Elias (I)	Apollo Orbiter	16,00					
Jung, Julia (E)	Apollo Orbiter	614,08	30,40	34,96	33,44	98,80	
Becker, Erika (I)	Apollo Orbiter	1.679,60	104,00	119,60	114,40	338,00	
Fink, Philipp (I)	Apollo Orbiter	3.225,60			140,80	140,80	
Kohler, David (I)	Apollo Orbiter	1.206,96	75,20	90,24	78,96	244,40	
Jung, Julia (E)	Futurumedic Flux	14,40					
Becker, Erika (I)	Futurumedic Flux	617,12	30,40	34,96	33,44	98,80	
Fink, Philipp (I)	Futurumedic Flux	5.773,60			281,60	281,60	
		13.359,36	249,60	290,96	693,04	1.233,60	

New columns for "Reservation" key figure on the start page

Expanded "Key controlling figures" widget

You can now analyse up to four key figures simultaneously in the **Key controlling figures** widget (1). When displayed as a **doughnut chart**, the last key figure is used as the base value for the other key figures.

For even more flexibility, you can now use the pie chart display (2). In this type of analysis, all fields are set in relation to each other without an additional base value.



New analysis options in the "Key controlling figures" widget

- 💡 If required, configure the colours of the two new key figure entries under ADMINISTRATION / CUSTOMIZING / SYSTEM / OTHER (*Design* tab).
- 💡 The colours of the *Standard* and *Classic* designs supplied may differ from the previous settings.

4. Projects

New columns in project planning

The following columns are now available in agile planning under PROJECTS / PLANNING / PROJECT PLAN:

- Work - Planned costs (per period)
- Work - Planned invoice (per period)
- Work - Actual costs (per period)
- Work - Actual invoice (per period)

5. Resource management

New functions for replacing resources

Additional options have been added to the **Replace resources** function. You can now decide the proportions with which the reservation of the source resource should be distributed to the target resources (1). In the further course of the process, simulated resources can now be converted directly into real resources.

Distribute reservations

When replacing resources, the reservations of the source resource can now be transferred to the target resources in full or in part. By default, the entire source reservation is distributed equally to the number of target resources. The source reservation is always reduced by the distributed share. If the reservation of the source (2) is not fully distributed, the remaining reservation is retained (3).

Replace resource in project Fresh Fruits - Step 2 of 2

All steps completed

✓ RESERVATIONS

How would you like to proceed with the reservations?

07.2024

Target resource	Project period		Reservation - New		
	Reservation	Option	Proposal	Total	o (%)
Source resource					
Beier, Oliver	20		3	3	0,27
Target resources					
Albert, Jutta	35	Add	10	45	11,03
Beaudouin, Mireille	28	Add	7	35	3,23
	83			83	

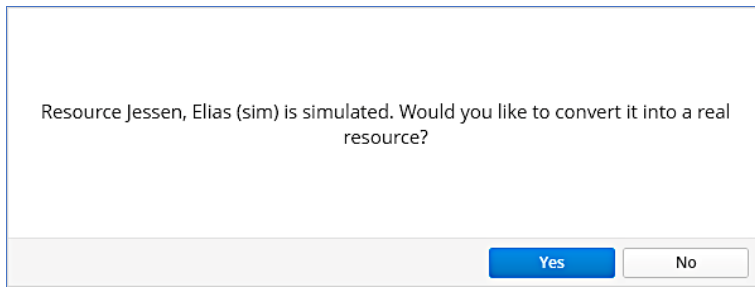
Replace Close

Individual distribution of reservations to multiple resources

Convert resource

The **Replace resources** function has been expanded to include the option of converting target resources into real resources during this process. This additional option is available if:

- the replacement adds a new resource to a project that **requires approval**
- the target resource is already assigned to the project as a **simulated** resource




Additional "Convert resource" option

6. Basic system

Blue Ant webhooks

We have added webhooks to the basic system so that Blue Ant can fulfil the constantly growing requirements as a central system between various interfaces. For certain events (e.g. the creation of a new project), a webhook (JSON) is now automatically sent to a target system. The event, the target system and the data scope can be configured individually.

 **Webhooks are only available to you if your licence key contains the Webservice add-on module.**


Webhooks for projects

Events that trigger the following webhooks are available for projects:

- Create projects
- Change projects
- Archive projects
- Delete projects
- Projects (all events)

Changes to a project include, for example

- Basic data in the project master data sheet
- Individual fields in the **Project** context
- Project status change, reschedule

 **You can configure the events as individual webhooks or collectively under a webhook.**


Webhooks for project resources

Events that trigger the following webhooks are available for project resources:

- Create project resource
- Change project resource *
- Delete project resource
- Project resources (all events)

Changes to a project resource include, for example

- Role, authorisation, cost rate
- Individual fields in the **Project resource** context

 **You can configure the events as individual webhooks or collectively under one webhook.**

The reservation is not considered in the first step.


Webhooks for invoices

Events that trigger the following webhooks are available for invoices:

- Create invoices
- Change invoices
- Delete invoices
- Invoices (all events)

Changes to an invoice include, for example

- Invoice number, invoice date, invoice status
- Individual fields in the **Invoice** context

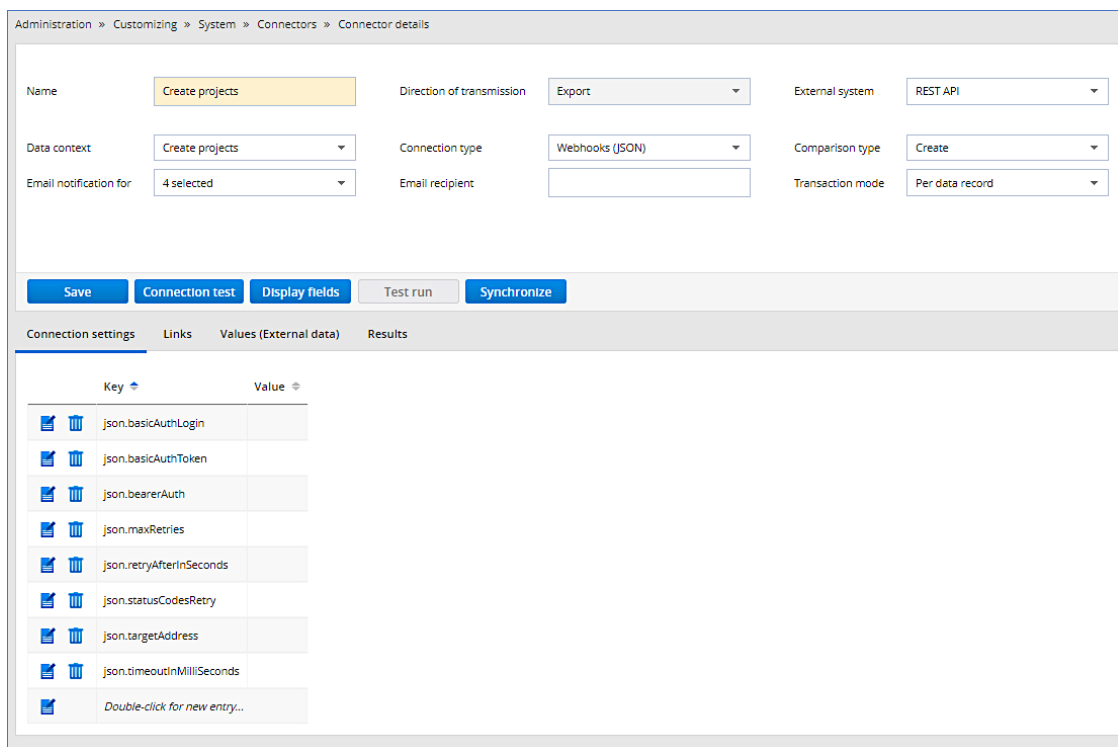
 **You can configure the events as individual webhooks or collectively under one webhook.**

Configuration of the webhooks

Each webhook is created and set up as an independent connector.

Transmission behaviour

The transmission behaviour of the webhook can be individually adapted. We offer extensive options for this in the **Connection settings** tab.



Administration » Customizing » System » Connectors » Connector details

Name: Direction of transmission: External system:

Data context: Connection type: Comparison type:

Email notification for: Email recipient: Transaction mode:

Connection settings | Links | Values (External data) | Results

Key	Value
json.basicAuthLogin	
json.basicAuthToken	
json.bearerAuth	
json.maxRetries	
json.retryAfterInSeconds	
json.statusCodesRetry	
json.targetAddress	
json.timeoutInMilliSeconds	
Double-click for new entry...	

Configuration of the transmission behaviour

Data scope

You can configure the content of the webhook in the **Links** tab. You have the option of customising both the scope and the field names.

Administration » Customizing » System » Connectors » Connector details

Name: Direction of transmission: External system:



Data context: Connection type: Comparison type:

Email notification for: Email recipient: Transaction mode:

Connection settings **Links** Values (External data) Results

Field-ID	External field ID	Default value	New	Update	Default if error	ID mapping field	Assign field contents	Sync type	Parameter
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> billingType	Billing Type		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> boundariesMemo	Boundaries memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> boundaryConditionsMemo	Boundary conditions memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> clients	Client ids		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> conclusionMemo	Conclusion memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> costCentreNumber	Cost centre number		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> costUnitNumber	Cost unit number		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> currencyId	Currency id		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> customFields	Custom fields		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> departmentId	Department id		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> end	End		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> externalSystemInformationList	External system ids		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> id	Id		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> isArchived	Is archived		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> isTemplate	Is template		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> measuresMemo	Measures memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> name	Name		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> noteMemo	Note memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> number	Number		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> objectiveMemo	Objective memo		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> planningType	Planning type		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Configuration of the data scope

-  If a field exists in the configuration but does not contain any data, it is not output in the webhook.
-  The *webhook (JSON)* connection type is only available for export connectors.

7. Interfaces

"Quote item" connector extended

In the connector for quote items, the **Update** comparison type is now also available. This allows you, for example, to change the description, comment and the individual fields of quote items via the connector. The quantity and price information as well as the structure of the quotation items cannot be changed via the connector.

Extension of the Jira Connect settings in Administration


Synchronisation of work-times

With this version, we are providing you with new functions for synchronising work-times.

In the ADMINISTRATION / CUSTOMIZING / SYSTEM / JIRA CONNECT screen in the **Settings** tab, you will find a new section **Synchronisation settings – Work-times** with the following functions:

- **Project status for batch run:** This allows you to limit the scope of projects for the synchronisation of work-times. To do this, select the project statuses that are to be taken into account when synchronising work-times. No status is selected by default and no restriction is made.
- **Deactivate synchronisation of JQL and Jira issues:** The synchronisation is **initially active** and can be deactivated at any time. The issues found in a **JQL query** are synchronised in the system with the **permanently linked issues** (incl. inheritance). All tasks in the JQL that have an active link are ignored (Jira >> Blue Ant). This process is documented in the Jira log and the message can be individualised using the text key (jira.synchronization.error.jqlIssueReferenced). This documentation allows you to identify the overlaps between JQL queries and permanently linked processes and adjust them if necessary.

In the ADMINISTRATION / CUSTOMIZING / SYSTEM / JIRA CONNECT screen in the **Migration** tab, you will find a new section **DataCenter – Cloud Migration** with the following function:

- **Invalidate worklog references:** If you have changed your Jira product variant (e.g. from Jira DataCenter to Jira Cloud), the references of these work-times should be marked as invalid. Otherwise, worklogs from the new product variant will be transferred with identical IDs during operation. This would result in data corruption of the work-times in Blue Ant. To prevent this, enter the date and time of the product variant change and carry out the invalidation. All references whose work-time ends before this time are marked as invalid.
-  **The affected worklogs should no longer be transferred to Blue Ant from this point onwards, but new work-times should be. Use the *Start date for worklog synchronisation* for this.**

- 💡 The number of invalidated references is documented in the migration log and in the log.

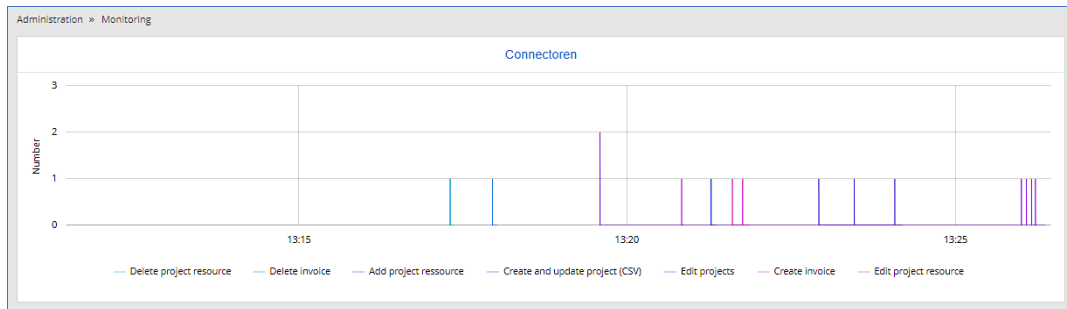
Change log

For better traceability of the transferred worklogs, the log outputs in the change log have been extended. The **worklogId** is now also shown in the **Change log** for **new**, **updated** or **deleted** work-times.

8. Administration

Monitoring extended

The **Connectors** widget is now available on the ADMINISTRATION / MONITORING screen. This provides you with an overview of the connectors that have been run. This widget is automatically added to the **All** view with the update.



Running connectors in monitoring

- 🔦 Each run of a connector (batch run, manual run and test run) is analysed and shown in the graphic.