

pirobase **PIM**

Release Notes

Version 22.1.0-9, 2022-12-07

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1. Foreword

This document describes the version-specific properties of the product *pirobase PIM*. Basic information about hardware, 3rd-party tools etc. can be found in the installation manual. For the latest changes and the latest version of this document, please also visit our support server <https://portal.pirobase-imperia.com/>.

2. Management Summary

With the new versions 22.1.0 of pirobase imperia PIM the following improvements were implemented:

- New features
 - New rights have been introduced for several aspects of the application. Because of this a new manual "Manual for user, rights and preferences" was created, the basic information was consolidated and complemented by the new rights and new aspects for the existing rights.
 - The rights attribute `Default.administrate`, `catalog.administrate`, and `item.administrate` are now deprecated. They will be removed with release 23.1.0.
 - The release-flag can be used in a view. This is especially designed for the views used in hitlists.
 - The publish-flag can be used in a view. This is especially designed for the views used in hitlists.
 - The number of items per instance are shown on the instance-tab (workflow-topic).
 - The number of items per task are shown on the task-tab (workflow-topic).
 - It is now possible to use more than one classification class of a classification hierarchy for one item. This is available if the flag "Allow Multiple Classifications" is set to "true". This flag is available at the root-element and is automatically inherited to all subclasses.
 - On the DAM-tab if an asset is selected two more tabs are shown in the editor: "Default values" and "Relations". Those show whether an assets is used for default values or within attributes of a relation.
 - More than one subclass of `"/SYS_CATALOG_TYPE"` and `"/SYS_CATEGORY_TYPE"` can be created. This allows more specific catalog-and category-descriptions.
 - A new export type "PIM-Transformation-Zip" is available.
 - A new export-parameter "export_validation_report_zip" has been introduced, which is a boolean and defines whether the report.xml is within a created.zip-file or not.
 - The parameter 'changed' within the webservice has been renamed to 'dirty'. The manual "Manual Webservices.pdf" has been updated.
 - The import of physical attributes was changed. The unit has its own column.
 - Change in use of encrypted CLI-password, because of deprecated package.
- Improvements
 - `$pim_util.calendar()`: the localized parameters "G", "M", "E" and "z" are working.
- A number of bugs have been fixed. Please check the list below. Of those should be mentioned:
 - Case-sensitivity of the systemnames of structure elements



- Wrong minOccurs default (1 instead of 0) for invalid values
- Quicksearch does not evaluate scope inheritance chains
- Known Bug
 - If the rights attributeDefault.create and attributeDefault.modify have different aspect-constellations for a user (which should not occur because that would not make sense) the user can create or modify wrong attribute defaults.
- Tested with
 - CentOS: 7.9.2009 (Core)
 - Java
 - Oracle JDK: 11.0.8
 - amazon Corretto JDK: 11.0.8.10.1
 - azul Zulu JDK: 11.41.23
 - Wildfly: 26.1.2FINAL
 - Elasticsearch: 5.6.16
 - Databases
 - Oracle 19.3
 - postgresSQL 13.3
 - Client (Windows10)
 - Google Chrome: 107
 - Mozilla Firefox: 107
 - Edge (Chrome-based): 107

3. Installation/Update

For detailed information on performing an installation or update, please refer to the description in the Installation Guide.

4. Patches

Since *pirobase PIM* patches are treated like normal releases, the steps described in the operating manual must also be carried out for them.

5. Improvements and new features

PIM-18292

Expand the item.move-right with the aspect targetType.

PIM-19956

Name validation in the dialog to create/modify a item collection.

PIM-21647

More than one class of a classification hierarchy can be used at an item.

PIM-21649

The publish status can be used within a view.



PIM-21650

The release status can be used within a view.

PIM-21651

The information about the usage of asset has been expanded to attribute default values and relation attributes.

PIM-21656

Catalogs/categories: More than one catalog/category item type can be defined.

PIM-21657

The number of items and the primary key of the items are shown in the workflow-task hitlist.

PIM-21660

The number of items and the primary key of the items are shown in the workflow-instance hitlist.

PIM-21666

Extend the Excel-structure-import for the field "allowMultipleClassifications".

PIM-21667

Extend the xml-structure-export for the field "allowMultipleClassifications"

PIM-21670

Add aspect "Catalog type" and "Category type" to catalog rights.

PIM-21673

Impact of "allowMultipleClassifications" on default values.

PIM-21712

Aligned behavior for the XML im-/export with empty composite subattributes.

PIM-21743

Remove connection between item type/attribute dropdowns in the default property management.

PIM-21744

Allow setting the e-mail of the admin user during the installation process.

PIM-21773

Optimize DB settings in the PIM installer.

PIM-21790

The right item.modify gets the new aspect "oneTimeEdit". This is the replacement for the "oneTimeEdit"-setting in the item-view.

PIM-21803

Remove duplicate reports in a view.

PIM-21821

Manual update based on change of namespace URL regarding the XML-schemas.



PIM-21829

Update manual "Manual Creating item data structure via Excel import.pdf": Preference "dashboard.propertytype-itemview".

PIM-21834

Prevent creation of defaults for system attributes.

PIM-21853

New rights for default attribute values.

PIM-21856

Assigning groups to users extremely slow.

PIM-21857

Bad performance when importing large number of new users.

PIM-21858

Introducing the right item.view.

PIM-21859

Effect of item.view-right on the item-management

PIM-21860

Effect of item.view-right on the item-collection

PIM-21861

Effect of item.view-right on the item-editor

PIM-21862

Effect of item.view-right on the item-history

PIM-21863

Effect of item.view-right on the item-comparison

PIM-21864

h1. Effect of item.view-right on the item-view (readonly/editability/visibility)

PIM-21865

Effect of item.view-right on the export

PIM-21866

Effect of item.view-right on the catalog-management

PIM-21867

Effect of item.view-right on the user-configuration

PIM-21868

The preferences "pim.restricted-*" are no longer needed and have been removed from the system. The item.view- and catalog-view-rights take over.



PIM-21872

Effect of item.view-right on the item-view (structure)

PIM-21873

Add aspects "propertytype", "propertytypeowner", "language", "market" and "customer" to the catalog-view/-modify.

PIM-21874

Expanding catalog-rights with the catalog.categorize-right.

PIM-21900

Expand item-rights with item.editscript.

PIM-21901

Expand item-rights with item.changeowner.

PIM-21903

Aspect "classificationClass" has been added to item.classify.

PIM-21943

item.classify can be used without item.modify.

PIM-21947

The item.move right is usable without item.create and item.modify.

PIM-21955

Job-rights have been added to the application.

PIM-21956

Add rights for the functionality "Localization".

PIM-22003

Introduction of the new right "rootitemtype.view". This replaces the preference "dashboard.filter-root-item-type-keys".

PIM-22008

Effect of item.view and the improved catalog.view on the user configuration (Default scopes).

PIM-22024

\$pim_util.calendar() does not use locale.

PIM-22038

The catalog.action-rights contain the corresponding catalog.view-right.

PIM-22054

Add aspects to item.create.

PIM-22055

Add aspects to catalog.create.



PIM-22057

Introduction of catalog.editscript.

PIM-22058

Expand item.editscript to item.create.

PIM-22064

Fehlender Indikator für publizierte Daten bei CIN-ERROR.

PIM-22137

Ignore item types in "pim.classification-prioritisation-classes" that are not root-elements.

PIM-22142

A new export-configuration is available that can use PDFreactor to create pdf-files.

PIM-22211

Expand the item-rights with the classificationClass-aspect.

PIM-22355

Make PIM exports available via REST.

PIM-22356

Implement asynchronous export via REST API.

PIM-22485

Behaviour if classification class is either child of parent of existing item classification class

PIM-22650

Add chapter: Possible consequences of data model changes.

PIM-22675

Extend the pixelboxx-preferences in the installation-process: URL and default-handler.

PIM-22716

Switch "export_validation_report_zip" (Boolean) to exclude report.xml fromt the zip-file.

PIM-22723

Systemnames of structure elements support case-sensitivity.

PIM-22731

Substitute autopublish with an "update-publication"-button..

PIM-22784

Changes of the right-names from propertyDefault.* to attributeDefault.*.

PIM-22790

Add notification for items with new revisions before adding to comparison.

PIM-22908

Add descriptions to language objects in pim-dm-languages index.



PIM-22973

Prevent publication to default market if publication for customer is already present and vice versa.

PIM-23024

Effect of upgraded item.modify on the webservice.

PIM-23097

Index market objects in pim-dm-markets index.

PIM-23098

Index company objects in pim-dm-companies index.

PIM-23157

Default Attribute Values - Scope Market: Default Market is not selectable.

PIM-23158

Default Attribute Values - Scope Market: Default Customer is not selectable.

PIM-23203

Add item collection identifier to response payload for the item collection REST resource.

PIM-23264

GDSN // Publishing // Pop-up message should always show the primary key(s) of the items already published to the default market.

PIM-23275

The right item.declassify has been added.

PIM-23300

The item-action-rights contain the corresponding item.view right.

PIM-23312

Privilege aspects are transformed into `{{value}}` XML elements as follows: # the Excel string is split into separate values, using each *comma* and *space* as a separator # empty values are removed # each resulting value is written in a `{{value}}` element (contained in a `{{values}}` wrapper)

PIM-23317

Add "default"-aspect-values to market- and customer-aspects.

PIM-23343

Removal of preference "dashboard.filter-root-item-type-keys", replaced by the right "rootItemType.view".

PIM-23465

excel2xml-Trafo: Remove deprecated parameter evaluationType.

PIM-23591

catalog.delete: Does not need catalog.modify to delete a catalog anymore.



PIM-23599

Import-switch for importing category-item-links.

PIM-23727

"%"-character in the file name for binary-up-/download allowed

PIM-23731

camelCase for rights-aspects and renaming porpertytype and propertytypeowner.

PIM-23874

Improve the functionality of groovy-delete-script for delete items provided by the product.

PIM-23883

The button "Open joblist" in the "System tasks"-tab of the preview editor has been added.

PIM-23884

The column "Data recipient" to the "System tasks"-tab of the preview editor has been added.

PIM-23885

The search funtionality of the joblist has been expanded.

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The search funtionality of the joblist has been expanded.

PIM-23887

The column "Data recipient" to the "System tasks"-tab of the preview editor has been added.

PIM-23888

The button "Open joblist" in the "System tasks"-tab of the preview editor has been added.

PIM-23891

change owner-aspect of categoryItem.link-right to itemOwner.

PIM-23893

Clarify aspect "owner" for the PIM-rights.

PIM-23906

Rename participant.data.assign-right to userDefinedResource.share and add aspects.

PIM-23912

Property-default-values are also working for catalog- and category-elements.

PIM-23913

Add "catalogOwner"-aspect to propertyDefault-rights.

PIM-23915

propertyDefault-rights get value for empty itemType and/or relationType.

PIM-23923

Improve the functionality of groovy-delete-script for delete items provided by the product.



PIM-23940

Remove the right publicFilter.create because of the new right userDefinedResource.share.

PIM-23951

Import of data-excel-files based on changed unit-behaviour of physical attributes

PIM-23961

Effect of userDefinedResource.share on "Search profiles"-widget.

PIM-23962

Effect of userDefinedResource.share on "Edit layout"-widget.

PIM-23974

Export of data-excel-files based on changed unit-behaviour of physical attributes.

PIM-23986

Correct invalid data based on a changed data model during import.

PIM-23987

Correct invalid data based on a changed data model in UI.

PIM-24045

Import of an empty attribute value for attribute with a default value.

PIM-24071

A new export type "PIM-Transformation-Zip" is available.

PIM-24201

Wildfly upgraded to version 26.1.2Final.

PIM-24202

User is locked if user enters wrong password n times.

PIM-24425

CLI import/Export: Both tools must be able to deal with encrypted passwords. Change because of deprecated package.

PIM-24516

Remove item.view-"contain" for categoryItem.link

6. Bug fixes

PIM-17175

First start of PIM run into a timeout.

PIM-18243

Search for the export (command line) uses a scope-combination.

PIM-19744

The search for scope-dependent attributes leads to an error.



PIM-19769

Quicksearch does not evaluate scope inheritance chains. A new preference "pim.search-index-effective-properties" has been introduced. If it is set to true the language inheritance chain will be considered during indexing. This effects the indexing time.

PIM-20723

"Today" filtering does not consider the user time zone correctly.

PIM-20724

Date/time search results depend on user's time zone.

PIM-21066

Users without the right 'ad hoc workflow.create' ("Create ad hoc workflow") can create ad hoc tasks as long as no item is selected.

PIM-21376

Too many relations are shown in multiedit mode in case an outgoing relation is deleted.

PIM-21470

ob List cannot be filtered for gdsn-timedout

PIM-21638

Save button is active even though sys_participant_ref attribute has not been changed.

PIM-21684

Structure import for views doesn't show warnings.

PIM-21689

Item management: Merge changes can overwrite the value even though the store operation was unsuccessful.

PIM-21720

Correction in regard the import switches "import_fullImportOwners" and "keep-other-owner-references" of the manual "importexport.pdf".

PIM-21725

Possible to use another user's filter or layout during CLI export.

PIM-21727

Inconsistent report message for button "select all rows on all pages".

PIM-21749

Values calculated by default scripts are not shown reliably in the UI.

PIM-21750

Missing mail templates for workflow tasks are not handled correctly.

PIM-21766

A slight change in behaviour: If no validation-bundle and no report-file-name is given the CL-export does not create a report-file anymore.



PIM-21800

preference "pim.restricted-customers" also restricts the selection of owners for catalog creation.

PIM-21802

catalog.administrate with a restriction to owner does not work within the item management.

PIM-21823

PIM installer runs into errors due to namespace conflicts in validation bundles.

PIM-21828

"Enforce change of password" cannot be set/removed for users with general module.access right.

PIM-21835

Import/Export UI components are not displayed.

PIM-21840

Relation types under certain circumstances not visible in the advanced search.

PIM-21852

Item detail editor//the asterisk symbol that indicates a change in the item stays after saving.

PIM-21875

Default values are not removed after scope dependency changes.

PIM-21897

CSV export with related items writes source items twice.

PIM-21898

CSV export does not always write correct columns and contents.

PIM-21899

Editing language-dependent property defaults with editor in item management fails.

PIM-21906

pim-dm index does not contain enum value data anymore.

PIM-21910

Dictionaries (spellcheck) for new languages do not work.

PIM-21919

Choosing user or group in the create task popup windows is extremely slow.

PIM-21948

Comparison view is not showing values of scope-dependent attributes.

PIM-21958

Excel export does not use language chains for attribute/relation groups.



PIM-21959

PDF export does not use language chains for attribute/relation groups.

PIM-21967

Composite attributes must not be modified by multi-editing mode.

PIM-21968

Misleading error message for links to inexistent property types.

PIM-22021

Importing an invalid locale causes a stacktrace in the import report.

PIM-22036

Start page for online help does not list all chapters.

PIM-22045

nstaller // Graphical Update // jdbc.url from the install.inf is not displayed in the installer.

PIM-22048

Attributes can be created with negative and invalid field lengths.

PIM-22052

Structure import accepts invalid values for booleans.

PIM-22056

Wrong minOccurs default (1 instead of 0) for invalid values.

PIM-22060

Typographic errors in the (German) warning for an unknown fieldLengthType.

PIM-22061

Problems in the import report for relation types with empty/invalid cardinality.

PIM-22081

Increase information for formatting and auxiliary functions.

PIM-22091

Imports can change "allowMultipleClassifications" for existing classifications

PIM-22096

Missing warnings for wrong "allowMultipleClassifications" values in imports

PIM-22105

removing a classification also removes all others in the same hierarchy.

PIM-22141

Editor view cannot be changed when creating a catalog.

PIM-22148

Excel structure import does not use configured default owner.



PIM-22165

Impossible to create a category with the catalog.modify-right.

PIM-22175

Defaults for language-dependent attributes can be imported without a language.

PIM-22177

Import does not reject catalogs with just one item type attribute.

PIM-22187

Using a public layout for an item export does not work.

PIM-22198

Search in child item types does not work.

PIM-22199

Scope-dependent attributes cannot be edited or saved reliably.

PIM-22214

Adjust the list of customer values within rights' aspects.

PIM-22226

Import with "-report" switch does not write a report.

PIM-22318

Text is missing in user config for the german language.

PIM-22326

Impossible to access propertydefaults via Item Management.

PIM-22336

Localization (description text) for several keys is missing in "Preference Definition".

PIM-22341

Moving a child category to root causes a validation error.

PIM-22467

DAM-asset indexer indexes the same DOI over and over again.

PIM-22525

Misleading status code (200 instead of 201) when creating an export task via REST.

PIM-22532

REST export hangs when filter is not accessible for admin.

PIM-22620

Version list shows shifted "valid from" dates if user time is earlier than server time.

PIM-22624

Validity time and time zone appear in export configuration.



PIM-22660

The item type "SYS_TRAFO_EXPORT" has been expanded with the attribute "path_file_name" to allow to define the result file name of the transformation.

PIM-22689

Import does not convert physical units in composites correctly.

PIM-22690

Export does not contain units for physical subattributes in composites.

PIM-22704

Update the Project pimxml2fixture with the new Namespace.

PIM-22705

Can't remove single items from the item comparison.

PIM-22773

Pagesize at the relation editor not working.

PIM-22806

Error in CIN generation for repeatable components with language dependent attributes.

PIM-22816

Item information panel → values of attributes disappear after reloading the item.

PIM-22866

Import for view with duplicate property group keys is not handled correctly.

PIM-22928

Correctly shown URI image gives an error 'Cannot resize image' Firefox's support for HTTP2 seems to be limited, which is why this error message occurs here. To prevent this error, consider using a browser other than Firefox or disable http2 in your Wildfly configuration: standalone.xml.

PIM-22933

Number attributes can not be imported via Excel with any decimal separator if the dashboard language is german.

PIM-22950

The comparison does not display every flex bar.

PIM-22956

html-report is not generated correctly for imports.

PIM-22975

Excel-Validatoin-rule-import: Language-information is changed to lowercase.

PIM-22983

Unneeded (additional) error message in the report when importing an invalid locale.



PIM-22992

Hitlist shows internal keys for publication status.

PIM-22995

Impossible to edit fields within the Create Catalog / Create Category dialog.

PIM-22996

Relation properties are shown despite not existing for a given relation type.

PIM-23029

Error when accessing workflow instances / workflow tasks.

PIM-23036

Preview editor does not allow consecutive changes.

PIM-23096

job cluster & postgresql: relation "indexevents"; PSQLError: ERROR: deadlock detected.

PIM-23103

Pixelboxx intermedia URL is mandatory during the installation.

PIM-23113

User configurations show unallowed scopes.

PIM-23116

When editing a catalog which has customer-dependent properties, for some attributes not all customer options are shown.

PIM-23164

Add item to item collection - missing info in status line (Item Management).

PIM-23171

Error message at the end of update-installation.

PIM-23177

NullPointerException when calling item-hitlist.

PIM-23185

Deleting a fixed default attribute reindexes every item type not just the affected one.

PIM-23186

Relations are not updated in the preview editor when switching items.

PIM-23197

Added items are not shown in Relation Editor.

PIM-23201

Index trigger for companies missing when updating pim installation.

PIM-23207

Inconsistent system state after category import with changed system name.



PIM-23221

XML validation on file import-data.xml has errors.

PIM-23282

German translation does not match english wording. Manual update required. See comments.

PIM-23299

Editing a composite relation attribute blanks out relation-attribute-display.

PIM-23309

Structure export for "all" owners does not include owner 0.

PIM-23320

Item-search without restrictions.

PIM-23323

Is related to PIM-19769: Rebuild indexes takes a long time after adding a lot of languages to PIM.

PIM-23325

Languages not available in "Maximum..." of the user-configuration if "individual is selected.

PIM-23333

Impossible to create/edit categories in the GUI.

PIM-23419

Default Attribute Values - Copy Scope market resp customer with new values overwrites original entry.

PIM-23421

Existing Default Attribute Values - Editor - Scope Market/Customer Default not displayed in Editor.

PIM-23423

Catalog Management - yellow lock - lock/unlock Categories within a catalog.

PIM-23425

Value for a language-dependent attribute of a composite can be saved without language.

PIM-23467

Inconsistent display of scope-dependent composite attributes.

PIM-23476

Outdated index list in ReCreateSearchIndex usage note.

PIM-23480

Catalogs are not imported in spite of catalog.create right.

PIM-23481

Report for failed catalog import contains unnecessary category messages.



PIM-23500

Scope-dependent composite attributes language/Default Market/Customer double values .

PIM-23512

Invalid URI address is still accessible in the hitlist.

PIM-23514

Navigating via the internal navigation to a composite attribute renders it as not editable.

PIM-23545

Publication status attribute does not consider selected default customer.

PIM-23546

Import of some CIC attributes fails during the installation.

PIM-23622

The search within roles only works partly or not at all.

PIM-23626

Customer aspect for rights does not allow selection of DEFAULT customer.

PIM-23660

Excel export does not use language chains for attribute/relation groups.

PIM-23670

Value of physical default value does not get changed if unit is changed.

PIM-23675

Default values for enumerations are treated like user input.

PIM-23676

PDFreactor installation removes Excel 2007 export type.

PIM-23678

Catalog-widget content language is controlled by application language, not user Default Scope.

PIM-23683

Rights add aspect Default Market (DEFAULT) selection text.

PIM-23699

Aspects market and customer not working for attributeDefault.modify-right

PIM-23711

The application always tries to consider 'BASE' as the base unit for physical attributes.

PIM-23712

Roles that are not changed don't get updated.

PIM-23745

Paste button does not become active with categoryItem.link.



PIM-23749

Customer aspect-right for edit / create defaults not handled correctly in item-management .

PIM-23765

Cannot create property defaults with aspects default customer/market.

PIM-23767

Editing property defaults with restricted scope tries to override existing values.

PIM-23846

Item search within relation editor finds items even though no item type is set as incoming for that relation.

PIM-23847

GDSN: Resend-Button was replaced by adjusted Publish-Button.

PIM-23870

Attributes not linked to an item type are not rejected as primary keys.

PIM-23876

Itemviews that are not changed don't get updated.

PIM-23907

Empty composite subelements are not always exported correctly.

PIM-23929

Wrong advanced search results for scope-dependent attributes for users with default market/customer active.

PIM-23930

Export fails with filters that are assigned to the user over a group.

PIM-23939

Dynamic height of relation tables in the item-property-view.

PIM-23981

Deleting an item does not remove its relations from the index.

PIM-23998

Validation rule for attribute defaults of composites in regard to the composite structure

PIM-24028

ob List cannot be filtered for gdsn-timedout

PIM-24208

Attributes of composites not displayed in history.

PIM-24213

CIP generation for items with TPD values does not work.



PIM-24328

The "attributeDefinition" aspect of the item.view-right does not work right in combination with other aspects

PIM-24329

The "language", "market" and "customer" aspects of the item.view-right do not work right in combination with other aspects

PIM-24342

Hotfolder Import does not work when server is restarted.

PIM-24387

Missing check box to apply all relations for multi edit function.

PIM-24402

Export and import button are not deactivated until import task is shown in the import tasks list.

PIM-24426

CLI import/export does not work with encrypted password.

PIM-24459

Lock for entries of the table queryresultentries is not removed when corresponding task job is deleted during execution.

PIM-24489

searchScopeCombination setting is not used correctly



**pirobase PIM 22.1.0-9
Release Notes**

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