Alfabet Release Notes 10.11.2 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.11.0 release. The following information is available.

- [Significant Changes to Existing Functionality in Alfabet 10.11.2](#)

- [Amended or Resolved Issues in Alfabet 10.11.2](#)

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Significant Changes to Existing Functionality in Alfabet 10.11.2

The following issues are significant changes to the use of of Alfabet in release 10.11.1:

- The following has been changed for Jira® integration:

    - An issue occurred in the export to Jira Cloud via ADIF as part of the Jira integration interface. This issue was caused by changes in the Jira Cloud API response structure. This issue has been resolved for Jira Cloud installations.

    - Integrations with Jira Server installations are no longer supported because Atlassian has deprecated Jira Server installations.

Amended or Resolved Issues in Alfabet 10.11.2

- [End User Issues](#)

- [Solution Configuration Issues](#)

- [System Administration Issues](#)

End User Issues

- The user interface has been updated with standard translations for all supported languages.

- If full-text search indices were updated using the **Job Schedule** functionality, users searching via the full-text search were informed that the full-text search index does not exist, even though the index existed and the search was executed correctly. This issue has been resolved and the error message will no longer be displayed.

- The following enhancements have been made to the **Analytics Dashboards** functionality:

  - The **Inspect Data** functionality is supported. When the **Inspect Data** button displayed in the upper-right corner of each dashboard item is invoked, a dialog opens that displays grids that show aggregated and raw data in detail.

  - The **Text Box** chart type is now fully supported.

- The **Broadcast Messages** functionality has been revised so that if a user, user profile, and user group are specified to have access to the broadcast message, the OR condition will apply and the broadcast message will be displayed to a user with a matching user name, user profile, or user group affiliation. If no user, user profiles, or user groups are defined, the broadcast message will be available to the entire user community as in earlier releases of Alfabet.

- To enhance usability of filter fields in standard Alfabet views and reports, the **Options** button to hide filter fields, clear filter settings, and provide help for filters has been changed. A new button has replaced the previous symbol and the tooltip text **Options** has been changed to **Open to clear or hide filters and access help for filters**. Also, the **Clear Search Patterns** menu option in the filter settings menu has been changed to **Clear All Filter Fields**.

- The tooltip for the filter symbol for presentation controls embedded in object cockpits sometimes displayed the technical name for object classes and enumerations in the filter summary. This has been corrected and captions of the object classes and enumerations are displayed.

- An error occurred when the **Set Change Category** option was used for existing objects in the **Affected Architecture** page view for a project. This issue has been resolved.

- If new columns were added by a solution designer to an existing, already used configured tabular report, these columns were hidden to those users who had configured the visibility of individual columns in the report. To make new columns visible to all users, report administrators can use the new **Clear User Context Settings** option available via the **Action** button in the **Report Administration** functionality to re-set the visibility configuration to the default visibility for the currently selected report for all users via the **Configure** button..

- If the user interface was rendered in a secondary language and an XLSX file was exported for a data capture template, the import of data failed if an enumeration value was displayed in the primary language in the XLSX file upon import. This issue has been corrected.

- If the **Primary Culture** field in the **Data Capture Template** editor specified a language that was not the language of the primary culture of the solution configuration, some values specified in the XLSX were lost upon import. This issue has been corrected.

- The layout of the view displayed when the user session has expired was distorted with extra white space between the image and the default text and link. This has been corrected.

Solution Configuration Issues

- Custom diagram item templates can be created for indicator items and legend items. This allows custom diagram views to be created and implemented for custom diagrams. The following configuration options have been introduced:

  - To specify a diagram view item for indicators, the following templates have been added to the **Diagram Item Template Selector** that opens when a new diagram item template is created in Alfabet Expand: **Generic Diagram View Item** and **Generic Diagram View Item with Indicator at Bottom** which include placeholders for the **Short Name** property and indicators, and **Generic Diagram View Item without Indicator** which has a placeholder only for the **Short Name** property.

  - To specify a legend for the diagram view items, the following diagram item templates are available: **Generic Diagram View Item Legend**, **Generic Diagram View Item Legend with Indicator at Bottom**, and **Generic Diagram View Item Legend without Indicator**. The **Associated Item** attribute on the custom diagram item template for the diagram view item must specify which diagram view item legend shall be associated with that diagram view item.

  - The custom diagram view items may be assigned to the relevant object class/object class stereotype in the **Diagram View Items** page view in the **Class Configuration** functionality.

- The **Device Type** attribute can be captured for devices in the context of data capture templates. The **Enable for Data Capture Templates** attribute has been changed to `True` for the `InternalType` property for the class `Device`.

- Hints have been added for all attributes relevant for specifying configuration objects in Alfabet Expand, thus ensuring that contextual help is consistently available in the user interface.

- The names of a few attributes in report assistants have been changed. Documentation has been updated accordingly.

- If configured matrix map reports based on the template `MatrixMapReport` were defined for a base object via the **Apply To Class** attribute or the **Base Object via Query** attribute, the image properties defined in the class settings of the base object class were used to display information about the base object in the header cell of the matrix column headers. If the **Image Properties** attribute of the class settings were not defined, the information about the base object displayed a random property value of the object class. This behavior has been changed and no information will be displayed about the base object class if no image properties are defined in the class settings of the base object class.

- The display of labels for objects in sunray diagram reports has been enhanced to allow labels to be displayed in boxes and with a connection to the object visualization. The configuration options are the same as already introduced for configured portfolio reports.

- If HTML text was specified for a property, the HTML text was deleted from the <Property>_RT columns in the Alfabet database database if the object class was modified in Alfabet Expand.

- A database error occurred if the **Primary Culture** setting was changed to `False` and no primary culture was specified when the culture configuration was saved. This issue has been resolved.

- If an AMM file for update of the meta-model in a target database had a primary culture that differed from the primary culture in the target database, update of the meta-model resulted in both cultures being set as primary cultures in the target database. This issue has been resolved. If an AMM file has a culture set as primary culture, the primary culture setting of the target database will be removed and the primary culture setting from the AMM file will be implemented in the target

database. This change does not apply to update of the meta-model from AMM file during upgrade to a new release. The AMM files delivered by Software AG will not change the primary culture implemented in the customer's database.

- The **To-Be Architecture** workspace was displayed for a custom object view for the class `Project` even though the XML element `HasToBeArchitecture` in the XML object *ProjectManager* was set to `False`. This issue has been corrected. Please note that the XML attributes `AsIsArchitecture` and `HasToBeArchitecture` are only available for backward compatibility (as of 10.0) and the configuration of the visibility of the **As-Is Architecture** and **To-Be Architecture** workspaces should be done in XML object *ObjectViewCustomFilters*.

- The standard **All MS Teams Collaboration Topics** (`USER_TeamsCollaborations`) has been added to the private object view `USER_ObjectView` for use in administrative user profiles.

- An error occurred displaying icons in group boxes in custom editors if visibility conditions were specified. This issue has been corrected.

- Execution of configured **Questionnaire Add Indicator** events failed if the event template was configured for self-reflective execution of the event. Parameters defined for the event execution were not correctly processed. This issue has been resolved.

- If the Alfabet components were configured to use event queueing for execution of processes, the sending of emails for monitors triggered via the **Job Schedule** functionality failed. This issue has been resolved.

- An error occurred when opening a workflow diagram for a workflow template in the context of the **Workflow Designer** rendered in Alfabet Expand Web. This has been resolved.

System Administration Issues

- In the example `alfabet.config` file delivered with this patch release, the `scan_templates_for_malware_when_publishing` key which was set to `true` in Alfabet 10.11.1 has been re-set to `false`. The malware scan activated with this attribute requires implementation of a virus scanner. If no virus scanner is available, the scan will not be performed. The `scan_templates_for_malware_when_publishing` has been re-set to avoid the impression that a scan will be performed without further configuration needed.

- The Swagger definition for the Alfabet RESTful services was missing in the delivery of Alfabet 10.11.1. This issue has been corrected and the Swagger definition is part of the delivery for Alfabet 10.11.2.

- On creation of a new server alias configuration, the **Document Storage Type** attribute is set to `DefaultIDocFolder` by default. This setting requires a folder definition in the **Document Storage Location** attribute. To avoid problems with a missing **Document Storage Location** attribute definition, this attribute is set by default to `AttachmentFileStorage` for new server alias configurations.

- The definition of a connection between the Alfabet Server and an SMTP server for sending out emails has been enhanced to allow connections via SSL, authentication at the SMTP server, and the definition of a port differing from the default port 25. The **Server Settings** > **Email Settings** tab of the server alias configuration editor has been amended with fields for the new configuration options.

- In the **Server Settings** > **Email Settings** tab of the server alias configuration editor, the `MS Graph API` option was removed from the drop-down list of the **EMail Mode** attribute because the underlying functionality is currently not implemented.

- A case-sensitivity check has been implemented when restoring the Alfabet database from ADBZ file. If the target database is case-insensitive and the ADBZ file was created from a case-sensitive database, the restore process will not be performed and a message will provide information about the incompatibility of the databases. For command line tools, this check cannot be deactivated. For restore of the database via the Alfabet Administrator, a new **Ignore case sensitivity validation** attribute has been added to the ADBZ selection dialog to allow a case-sensitive database to be restored to a case-insensitive target database. The attribute is deselected by default.

- The `ALFA_MM_*_INFO` tables were not automatically updated during update of the meta-model with an AMM file having culture settings but no changes related to object classes or enumerations. This issue has been resolved.

- Update of the meta-model from a master database failed if .NET remoting was used to execute processes. This issue has been resolved.

- The following issues have been fixed for synchronous execution of ADIF jobs via the `adifimport` and `adifexport` endpoints of the Alfabet RESTful services:

  - If event queueing was used to process ADIF execution, the `SynchronTimeout` setting for the ADIF job was ignored. This issue has been resolved.

  - If .NET remoting was used to process ADIF execution, the return value of the synchronous call provided information about the ADIF job being executed asynchronously. This has been corrected to show that the ADIF job has been synchronously executed.

  - The naming convention for the log file created on update of the meta-model or restore of a database on a server alias in the Alfabet Administrator has been changed to include the name of the server alias that the action is performed on. A separate log file is created for each server alias and re-used for any update of the meta-model or database restore performed on the same server alias.

Fixed Empower Issues

- SI-452515

- SI-454373

- SI-455069

- SI-459098

- SI-459263

- SI-459350

- 5453373

Amended Documentation

Alfabet 10.11.2 is delivered with the most recent German version of the Online Help as well as an update of the following files in the English documentation:

- The changes to the email settings in the server alias and the case-sensitivity check for the restore of database archive files has been added to the reference manual *System Administration*.

- A description of Confluence® integration has been added to the reference manual *API Integration with Third-Party Components* and the Alfabet Expand online help.

- Changes to attribute names in report assistants have been updated in the documentation of configured reports in the reference manual *Configuring Alfabet with Alfabet Expand* and the Alfabet Expand online help.

Alfabet Release Notes 10.11.1 Patch

These patch release notes are an amendment and extension to the release notes published for the Alfabet 10.11.0 release. The following information is available.

- [Significant Changes to Existing Functionality in Alfabet 10.11.1](#)

- [Amended or Resolved Issues in Alfabet 10.11.1](#)

  - [End User Issues](#)

  - [Solution Configuration Issues](#)

  - [System Administration Issues](#)

- [Known Limitations](#)

Significant Changes to Existing Functionality in Alfabet 10.11.1

The following issues represent significant changes to the use of of Alfabet in release 10.11.1:

- Security against malicious attacks has been enhanced and an update to Alfabet 10.11.1 is highly recommended. The following enhancements have been implemented:

  - A content check has been implemented for the new capability for HTML text. The feature is limited to a defined number of HTML elements and attributes. Links may only target a limited number of URI types. This prevents attacks via code embedded into HTML content. HTML specification is limited to the following:

    - **HTML elements:** `h1, h2, h3, h4, h5, h6, blockquote, div, ol, li, ul, p, pre, span, a, b, br, code, em, i, id, s, span, strike, strong, sub, sup, u, img, table, thead, th, tbody, tr, td`

    - **HTML attributes:** `allowfullscreen, alt, class, data-*, frameborder, height, href, rel, spellcheck, src, style, target, width`

    - **URI Types:** `http, https, mailto, news, tel`

  - Links generated and processed in Alfabet have been secured against reverse tabnabbing attacks.

Amended or Resolved Issues in Alfabet 10.11.1

- [End User Issues](#)

- [Solution Configuration Issues](#)

- [System Administration Issues](#)

End User Issues

- The **Feedback Review** functionality has been extended in order to capture comments and information about action that has been taken as a response to feedback. The following changes have been made:

  - A **Feedback** editor is available in the **User Feedback Information** object profile.

  - The **Evaluations** and **Annotations** page views have been added to the object profile.

  - The class **User Feedback Information** is available in the **Class Configuration** functionality thus allowing, for example, evaluations and role types to be assigned.

  - The class setting `ALFA_FEEDBACK_INFO` is available in Alfabet Expand thus allowing a custom editor, wizard, custom object view, custom selector, etc. to be configured for the class **User Feedback Information**.

- The **Evaluation Types** (`CONF_EvaluationTypes`) page view in the **Evaluations and Portfolios** functionality has been enhanced with a new **Navigate** menu with the options **Navigate to Indicator Types** and **Navigate to Object Profile**.

- When filtering a column in a dataset, an "empty" value was not displayed when the **Show and Select Matches** option was selected in the filter for the column. This has been corrected and an empty row will be displayed at the top of the list of objects if empty cells exist in the filter column.

- An error occurred navigating to the **Local Components** page view if a local component had not yet been defined for the selected application or component. This issue has been addressed.

- In the **Data Capture Template - Cost** editor, the option `LeafCostType` has been changed to **Leaf-Level Cost Type** in the **Reference Class Filter Type** column of the **Class Properties** tab. If **All Records** is selected in the **Data Provider** field in the **Basic Data** tab and **Leaf-Level Cost Type** is selected in the **Reference Class Filter Type** column of the **Class Properties** tab, the generated XLSX file will include the actual cost types if costs are defined. Please note however that cost types that are not leaf-level cannot be selected.

Solution Configuration Issues

- The IntelliSense functionality available for the XML object editor in Alfabet Expand failed for the XML object *SolutionOptions* because an attribute definition in the XSD of the XML object was not correctly closed. This issue has been resolved.

- ADIF import of data from Jira in the scope of the ADIF integration interface failed if new attributes which were not part of the integration solution were included in the response of the JIRA RESTful API. This issue has been resolved. New attributes in the RESTful API response which are not part of the integration solution will be ignored.

- Throttling exceptions were thrown on connections to Amazon® Web Services. This issue has been resolved. A retry mechanism has been implemented for every service request made to AWS. Whenever a throttling exception is received from AWS, the system will wait for some time and then retry the request. This waiting time will increase for every subsequent throttling exception received from AWS for that request. To control the retry mechanism, three new optional attributes have been introduced for the XML element `DataConnection` in the XML object *AmazonWebServicesConfig*:

- **Retry**: A Boolean attribute that must be set to `true` to activate the retry mechanism.

- **MaxRetries**: An integer that defines the maximum number of times that the system should retry a request.

- **MaxWaitTime**: An integer value to denote the maximum time in seconds that the system should wait before retrying a request.

- A new interface control of type `Picture` has been introduced and can be used in the design of object cockpits. This is required when using the new `Picture` class property introduced in Alfabet 10.11.

- Private class keys are displayed for the class **Alfabet Meta-Model - Audit Key - Information** (`ALFA_MM_AUDITKEY_INFO`) in the Alfabet class model.

- The properties `ObjectSelector` and `ObjectSelectorRef` have been added to the class **Alfabet Presentation Model - Graphic View Detail - Information** (`ALFA_PM_GRAPHICVIEWDETAIL_INFO`).

- The `TriggerEvent` option for the **Action Type** attribute for a wizard step action of type **Action On Entered Step** will display an error message if specified because events cannot be triggered when a wizard step is entered.

- Configured gantt chart reports milestones can be specified to display labels for milestones next to the milestone. The label text for each object must be returned via the query. The background, border, and text color of the labels may be defined in the query of the milestone definition. A new expandable **Label Catalog** attribute is available in the **Milestone** node of the report assistant. In order to enable the display of labels, the attributes for the label text and the coloring definitions must be set to the names of the columns in the dataset of the query. The size of the labels can be defined via a static definition in the **Label** section.

System Administration Issues

- A new **Email Settings** sub-tab has been added to the **Server Settings** tab of the server alias configuration editor. All existing settings for management of emails have been moved to the new sub-tab.

  A new **Email Mode** attribute has been added to the **Server Settings** > **Email Settings** tab of the server alias configuration editor. This attribute must be set to `SMTP Server`. The new `MS Graph API` method is available for internal use only and shall not be selected. Sending of emails via Microsoft Graph API is currently in implementation and will be available with a future Alfabet release. The default setting of the **Email Mode** attribute is `SMTP Server`

- In the example `alfabet.config` file delivered with this patch release, the key `scan_templates_for_malware_when_publishing` is set to `true` to enhance security. This setting activates a malware scan of Microsoft® Word® and PowerPointMicrosoft® PowerPoint® templates prior to each publication process. The scan will be performed with the anti-virus scanner implemented on the server hosting the Alfabet Web Application. If no anti-virus scanner is explicitly implemented, the anti-virus capabilities of the underlying Windows® operating system will be used to scan documents.

- The Alfabet Server service did not recover a lost connection to the Alfabet database. This issue has been resolved.

- The configuration file `ADIF_Console.exe.config` required for execution of the command line tool `ADIF_Console.exe` was missing in the ***Programs*** folder of the software delivery. This issue has been resolved and the `ADIF_Console.exe.config` is included in the delivery of Alfabet 10.11.1.

- The following changes have been made to the mechanisms to update the information in the `ALFA_MM_*_INFO` and `ALFA_PM_*_INFO` tables that store information about the current configuration of the meta-model and the presentation model:

  - Two new checkboxes **Automatically generate ALFA_MM tables** and **Automatically generate ALFA_PM tables** have been added to the server alias configuration. The `ALFA_MM_*_INFO` and `ALFA_PM_*_INFO` tables are only updated when the meta-model is updated via an AMM file or a database is restored via ADBZ file if the respective checkbox is selected. By default, **Automatically generate ALFA_MM tables** is selected and **Automatically generate ALFA_PM tables** is deselected. The options to update the tables manually via Alfabet Expand are always available independent of this setting.

  - Update of the `ALFA_PM_*_INFO` tables is no longer limited to the update of the meta-model via AMM to upgrade to a new Alfabet release. It will also be performed during the update of the meta-model with a customer configuration stored in a customer-generated AMM file. The newly introduced alias settings **Automatically generate ALFA_MM tables** and **Automatically generate ALFA_PM tables** are applied in this context as well.

  - During update of the meta-model via an AMM file, the update of the information in the `ALFA_PM_*_INFO` tables was executed prior to changing the presentation model with the information in the AMM file. This issue has been resolved and the order of execution has been changed to execute the update of the information in the `ALFA_PM_*_INFO` tables last.

Known Limitations

- The Jira ® REST APIs that fetch board and sprint information have recently been changed so that sprint information cannot currently be processed via integration with Jira.

- The naming convention for the log file created on update of the meta-model or restore of a database on a server alias in the Alfabet Administrator has been changed to include the name of the server alias the action is performed on. Currently the mechanism for generating log files has not been fully adapted to this change and the log file is re-used for any update of the meta-model or database restore performed on any server alias as long as the Alfabet Administrator is not re-started. This results in log information for multiple server aliases being written in a log file named after the first server alias the action was performed for. This issue will be fixed with a future patch release.

Service and Support

Should you have any questions or require additional information about Alfabet, please contact Software AG Support.

Please open a ticket in the Empower eService for any service request as well as all non-standard support incidents such as training requests, scripting, or data integration:

https://empower.softwareag.com

When you submit a ticket for a service request, you should include the main release number and patch version of your Alfabet product. This information can be accessed by clicking **Help** < **About Alfabet**. Tickets will be recorded and transferred to the relevant team.

Empower eService also includes:

- tracking ticket statuses

- local telephone numbers for support.

In addition to the local support telephone numbers, you can use the following toll-free number:

+800 2747 4357