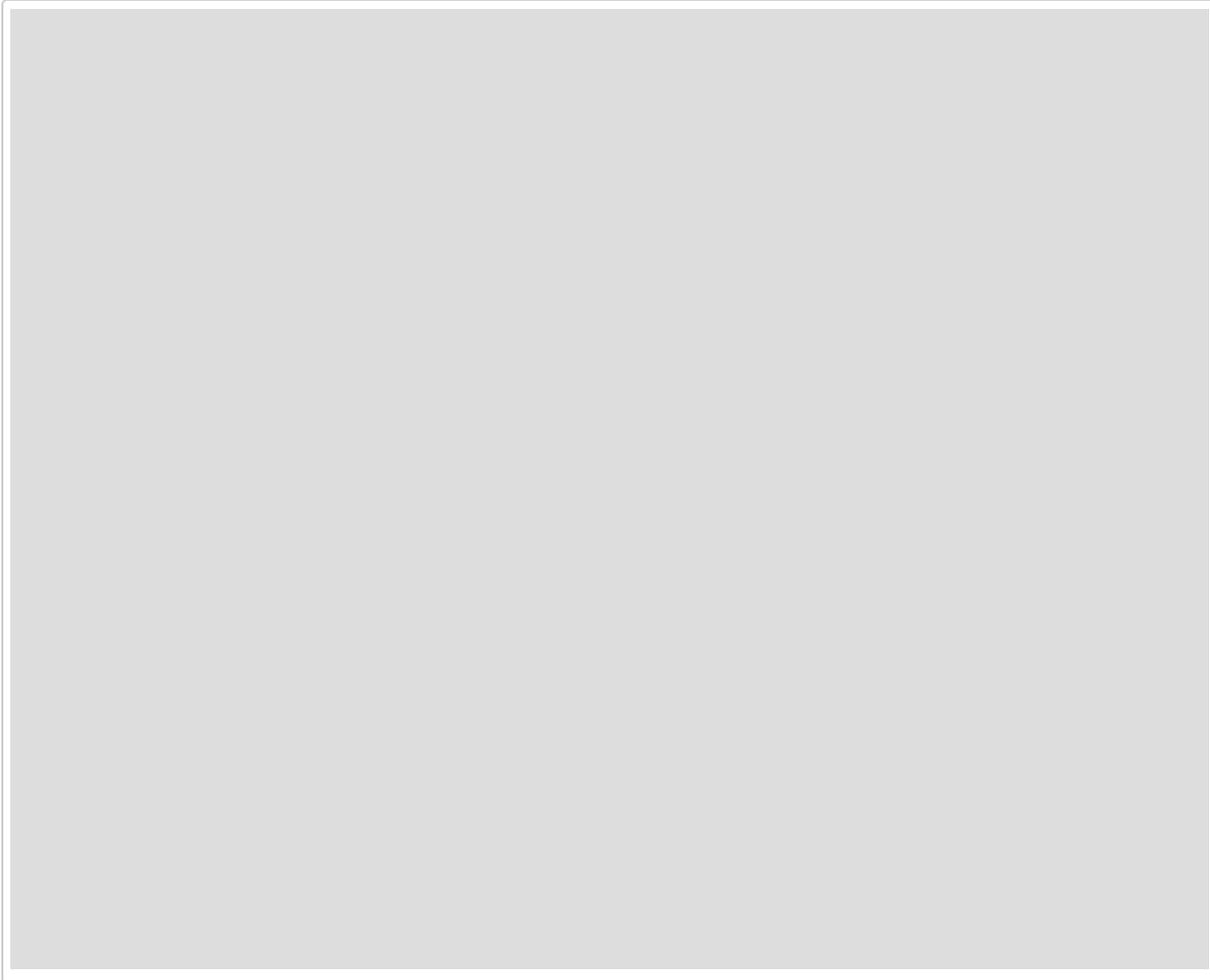# Release Notes

iteraplan 6.5

(Changes since iteraplan 6.4)

New Features

- Information security management
  - Bridge the gap between the requirements of the information security management and the EAM data
  - Perform target-to-target comparison with automated workflows to detect deviations (risks) and do subsequent risk assessment
  - ISM is a separately licensed module that requires a specific license key to use
- Quick access
  - Access a global search from everywhere within iteraplan
  - Increase your productivity by quickly changing to recently visited pages

Improvements

- Oracle JDK 11 and Open JDK 11 compatibility
- Improved Visio export
  - The Visio export for the cluster diagram, masterplan diagram, portfolio diagram and tree map diagram is now feature complete
  - The Visio export for the information flow diagram now supports multiple connection points
- Improved enumeration/responsibility editors
  - Performance is now independent of the literal amount
  - The width of the editor adjusts to longer literals

Fixed Defects

- Fixed an issue where accessing a shared visualization would change your current login user
- Fixed an issue with the creation of date interval dependencies

- Fixed an issue with the list view excel export and formatting of numbers
- Fixed an issue with the plugin API not updating responsibility attributes after "createUser()"
- Fixed an issue where a custom number formatting could lead to wrong conversions
- Fixed an issue with the information flow diagram where long edge annotation texts where cut off
- Fixed an issue with the multi mode when trying to assign an element as its own parent
- Fixed an issue with element names that contain "$"
- Fixed an issue with the Xwiki syntax not being translated correctly
- Fixed an issue with the list view not sorting correctly by last modification time
- Fixed an issue with the information flow diagram Visio export where connection points where incorrect after resizing

Please note that starting with release 6.5, **Tomcat 7 and 8.0 are no longer supported**. Take a look at the installation prerequisites for more information.

iteraplan 6.5.1

- Improvements to the information security management module
  - Requirements can now be structured in hierarchies, similar to how it is done for building blocks
  - Requirements, risks and actions can now be deleted in addition to being deactivated
  - Requirements, risks and actions now have complete element type histories
  - A requirement does not necessarily need a mapping to building block data anymore, it can exist without it
  - An action can now be created without assigning any risks initially
  - "Affected Building Blocks" and "Responsibility" on requirements can now be updated after the initial requirement creation
  - Fixed an issues with long loading times for the requirement list view
  - Instead of once a day, the risk identifications of building blocks are now updated once every hour
  - Improved texts for the security surveys
- The system info report now contains the iteraplan.log file
- Fixed an issue with loading saved queries in the custom dashboard and the iteraQL console
- Fixed an issue with incorrect http links in survey emails
- Fixed an issue with surveys and enumeration columns
- Fixed an issue with plugin scripts not causing data history changes
- Fixed an issue where attribute groups could be given a name that is already used in the metamodel
- Fixed an issue with the "show in list" button in some visualizations
- Fixed an issue with the 6.4 to 6.5 database migration scripts for Oracle
- Fixed an issue with the Information Flow Visio export showing blurred text in some cases
- Fixed an issue with the visualization PDF export on SaaS instances
- Fixed an issue with null names for fields like "last modification user"
- Fixed a minor layout issue with the business mapping editor in the single element view

Please note that starting with release 6.5.1, the provided **docker image** uses Java 11 and Tomcat 9.

iteraplan 6.4

(Changes since iteraplan 6.3)
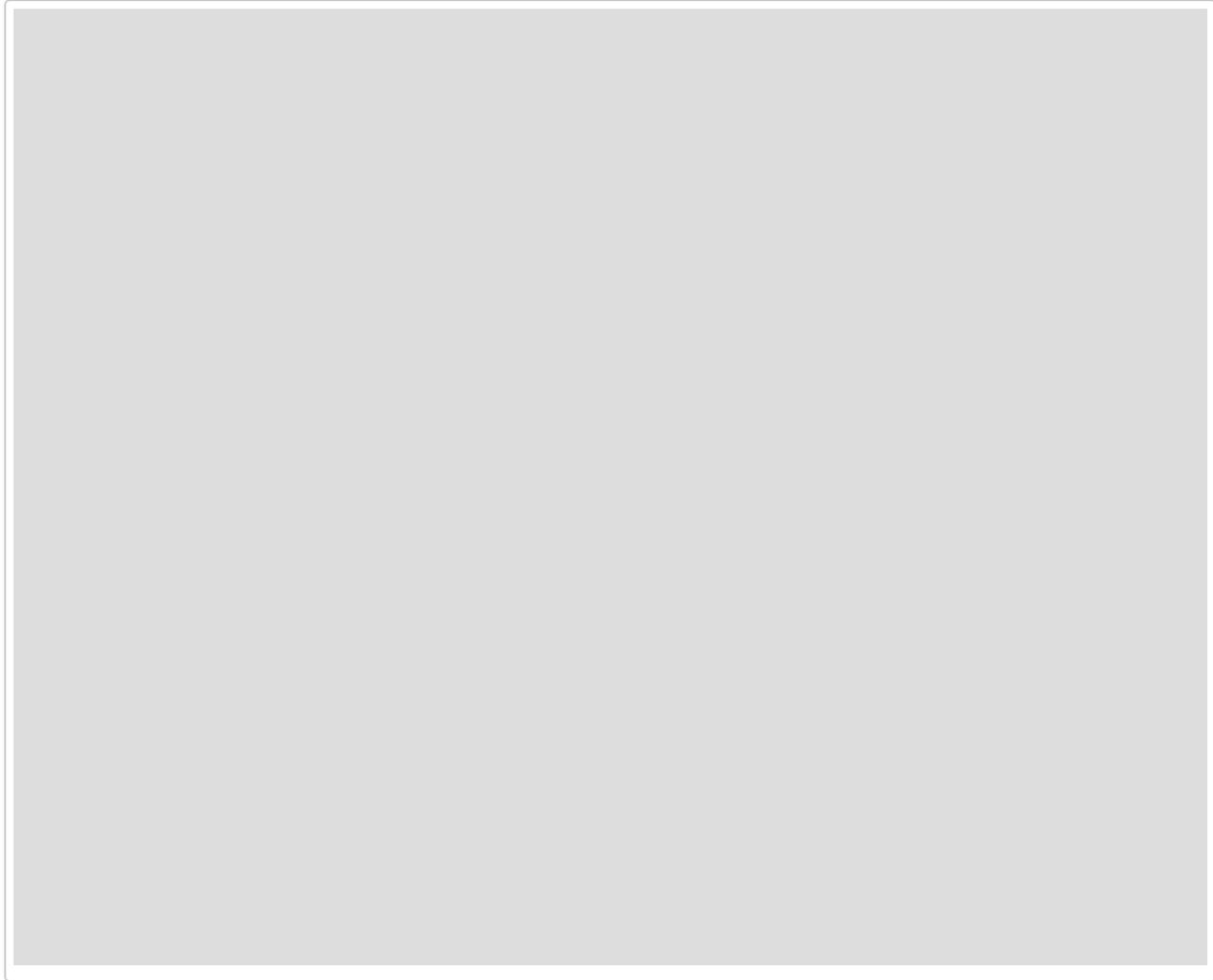
New Features

- Information flow usability
    - Information flows are now easier to understand and manage
    - Clearly see what data is exchanged between information systems
    - New dialogs assist you in creating and updating information flows
- Fill responsibility attributes
    - Automatically include users in responsibility attributes
    - Synchronize responsibility attributes with LDAP using the plugin API
- Share visualizations (beta)
    - Generate shareable links for saved queries
    - Share up-to-date reports with stakeholders outside of iteraplan

Improvements

- Improved singe element view
    - Improved page structure, including a new navigation header
    - Quickly add new relations directly on the relation panels
    - Performance improvements to greatly reduce the initial loading time
    - Create and edit business mappings using the new business mapping editor
    - Keyboard support for editing attributes
- Improved Visio export
    - The Visio export for the information flow diagram, landscape diagram, nested cluster diagram and navigator is now feature complete
    - Especially the connectors and the grouping of shapes have been greatly improved
- Added a possibility to edit relations directly in the navigator
- The iteraplan installer can now optionally encrypt passwords
- Disabling of building block types through customization now also hides the affected relations
- Date interval dependencies can now be edited after the attribute has already been created
- Added a filter dialog option to include ancestors/descendants when filtering hierarchies
- Added a drop down option to the new-button of the list view
- Added an excel export option to omit the generation of preformatted empty rows
- Improved the page breadcrumbs to include the homepage tabs

- Improved the default parameters of the information flow diagram layout
- Improved the readability of the information flow diagram edge annotations
- Extended the REST API to include plugin-API endpoints
- Added a customizing option for the American date format
- Added generated default colors for new enumeration literals

Fixed Defects

- Fixed the behavior of the functional permission for public saved queries
- Fixed an issue with data model changes triggered by a scheduled plugin script
- Fixed an issue where the list view was empty after setting a relation filter
- Fixed an issue with the sorting of dates in the list view
- Fixed the ordering of business mappings in the single element view
- Fixed the ordering of attributes in the singe element view
- Fixed an issue with error toast not being visible in the single element view
- Fixed a permission issue with specific relation attributes
- Fixed an issue with iteraQL expressions not working for the partial Excel export
- Fixed an issue with some diagrams not opening when there are no building blocks
- Fixed an issue with loading the building block history in some cases

Please note that starting with release 6.4, **Java 7 is no longer supported**. Take a look at the Installation Prerequisites for more information.

iteraplan 6.4.1

- Improved building block list view: the column width is now preserved when adding or removing columns
- Fixed a layouting issue in the navigator that caused boxes to overlap
- Fixed an issue where in some cases the SEV would not open
- Fixed an issue with creating date intervals that caused follow up errors
- Fixed an issue with the display of user names in the history entries
- Fixed an issue related to the editing of role descriptions
- Fixed the visio export for the IFD when using a manual selection filter
- Fixed a render issue of the IFD where annotation effects where always shown
- Fixed the issue of SEV relation cards taking up unnecessary space
- Fixed an issue with the SQL console

iteraplan 6.3

(Changes since iteraplan 6.2)
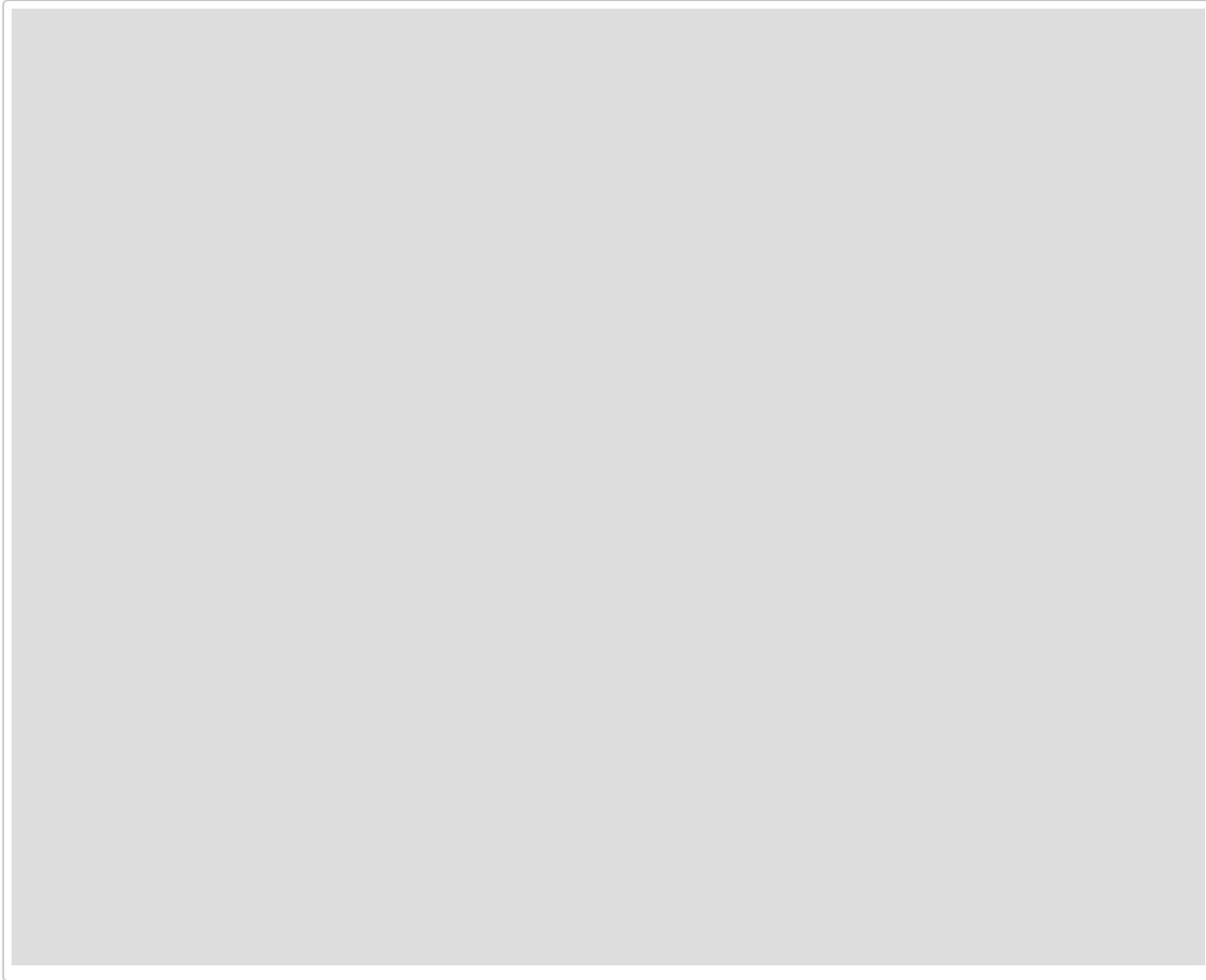
New Features

- Surveys - decentralized data collection
  - Improve collaboration and user involvement using the new surveys feature
  - Send freely configurable tasks to other iteraplan users, showing them a list of building blocks that they are responsible for
  - Easy to use and fully integrated into roles and permissions: all happens inside iteraplan
- Hotspot Diagram
  - Detect building block internal dependencies using this new visualization
  - Display the self-relations of all building block types
  - Filtering, coloring, saved queries as well as export options available
- Diagram Builder (beta)
  - Create your own diagrams using this new expert feature
  - In this first version it's possible to define rules on what building blocks and relations are shown
  - It will be extended in the future based on your feedback
- Boolean attribute type

Reworked Functionality

- Removed fixed attributes
  - The following fixed attributes are now migrated to regular custom attributes: Status values (IS & TC), Productive period (IS & TC), Lifetimes (PROJ), Available for Interfaces (TC)
  - After the migration they are placed in a new attribute group "[Core Attributes]"
  - This means that these attributes can now be edited, deleted or moved to a different attribute group
- Date Intervals can now exist without being based on date attributes. However, a dependency for the start- and/or enddate can still be declared in the attributes page

Improvements

- Improved Single Element View
  - Better layout to show information more clearly
  - Simplified Business Mappings
    - Business Mappings now show the type of each building block
    - Business Mappings with only two dimensions are shown in a sperate panel
    - Two dimensional business mappings are added right away without opening the editor

- Better relation management usability
    - Filter buildings blocks by type or add a filter to find elements faster
    - Removed the limit of elements in the relation drop-down
- Added a calendar view to visualize dates and date intervals
- Added a display option to show hierarchical names for building blocks
- Added a display option to show all elements in a new line, not next to each other
- Improved List View
    - Better tree view
        - Sorting is now possible in tree view mode
        - Added buttons to expand or collapse all hierarchies
        - Added saving of the hierarchy collapsed states for each user
    - Better keyboard operability when working with the list view
    - Added a loading indicator to show when a change for a cell is finished
- Improved REST API
    - New REST documentation according to the OpenAPI specification
    - Added administration API that enables read and write access to attributes, attribute groups, users and roles
    - Added possibility to post a JSON-datamodel to the data endpoint (before it was limited to excel)
- Better attributes and attribute groups user interface to improve usability
- Added Plugin API support for HTTPS URLs and proxies
- Added a zoom control widget for all diagrams
- Diagrams now save the scroll position in addition to the zoom level
- Responsibility attribute values now show the first and last name in addition to the username
- Improved the Visio export for the Information Flow Diagram
- Improved hint in dialog when replacing an information system in an information flow
- Improved mention of display options in diagram legends
- Improved user interface of the cluster diagram
- Improved design and texts for various dialogs

Fixed Defects

- Fixed a performance issue with building block drop-downs in the List View
- Fixed an issue where newly created elements in the list view could not be directly selected in relation dropdowns
- Fixed an issue where relation attributes in the list view could not be edited properly
- Fixed an issue where numeric values in the tree view did not show any value for child elements
- Fixed an issue where "show in list" would not work using IE11
- Fixed an issue where specific queries would not work using the partial excel export
- Customizing the fav-icon now works correctly using Edge
- Saved query names are now properly used in all exported visualizations
- IFD node positions are no longer reset when showing or hiding the diagram legend
- The LSD relation filter now works correctly when filtering for business mappings
- The LSD relation filter no longer features self-relations, because this functionality is already present in the node filter
- The Quick Filter is now considered when using the list view multi mode
- Relation names now all have proper german translations

iteraplan 6.3.1

- Fixed an issue where the VISIO export was not working for specific diagrams

iteraplan 6.3.2

- Fixed an issue with the permission handling for relation building blocks
- Fixed how the attribute group permissions were determined when a user has multiple roles, or role inheritance was used
- Fixed an issue that prevented IFL IS-2 relations to be created/edited using the single element view
- Fixed an issue with the 6.2 to 6.3 migration script for Oracle and MSQL. If the migration was already done, take a look here.

iteraplan 6.3.3

- Fixed an issue with adding relations to building blocks that are connected via business mapping
- Fixed an issue with combi create of business mappings when a combination already existed
- Fixed an issue with attribute group permission handling on the SEV
- Fixed an issue with the format of date intervals in the xmi export

iteraplan 6.2

(Changes since iteraplan 6.1)
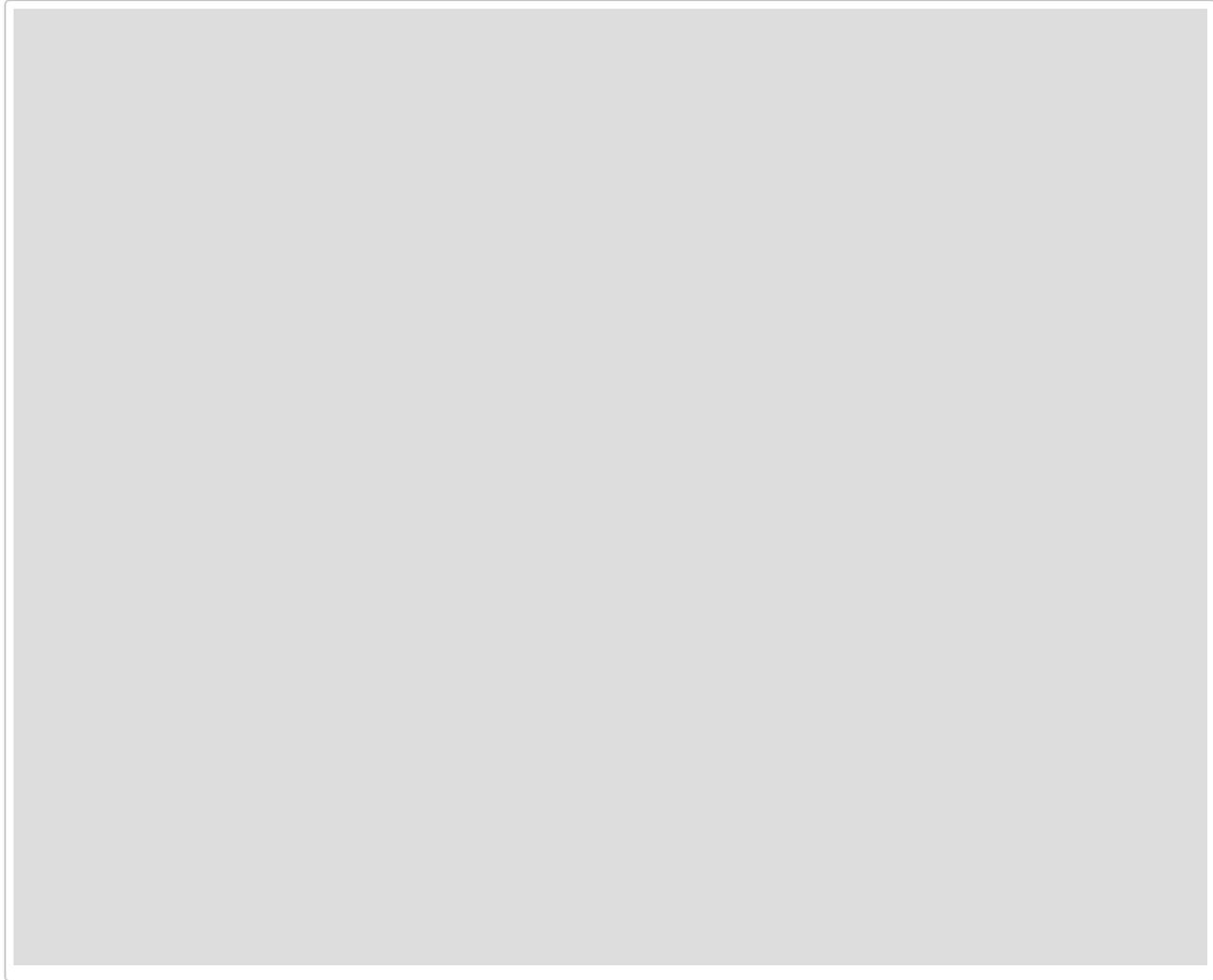
New Features

- [Navigator](#) Extension
    - Two modes to explore your EA: Standard mode and deep dive mode
    - In the standard mode only relations to the centered element are shown
      The center can be changed, and there are multiple display options to filter what is shown
    - In the deep dive mode other elements can be expanded to show their relations as well
      This is the functionality that is already known from previous versions
    - It is now possible to create and link new elements from within the navigator
    - Ability to save & load a configuration
- [Information Flow Diagram](#) Extension
    - Nodes and Edges can now have annotations to provide additional information
    - Annotations can be filtered for a clear view on the data
    - Node positions are saved and also used for exports
    - There are now multiple docking points for connected edges in all directions
- Building Block Comments
    - Users can now add comments to all elements
    - This feature is enabled by default, but can be disabled in the system administration
- Remove a User and his Footprints
    - The user management now features user [deletion/substitution](#) functionality
    - Helps to get a complete understanding and control over all data in iteraplan containing personal/user information
    - It is possible to download impact as well as post-execution reports
    - Provides GDPR/DSGVO conformity of iteraplan itself
- More filter options in the [Landscape](#) diagram
    - In addition to the three filters for elements, there are now two filters for the relations used to construct the diagram
    - Much finer control of what is show in the diagram
    - The relation filter option is especially powerful when being applied to Business Mappings
- Delete with Options
    - The deletion of an element with child elements results in appropriate deletion options
    - If an element is included in business mappings there are appropriate deletion options as well
- Relative Filter Options
    - Responsibility attributes can now be set to "current user", to reference the user currently logged in
    - Date attributes can now be set to "today", to always reference the current day

Reworked/Dropped Functionality

- Corporate dashboard page featuring a template to download has been removed.
  The template is still available via the forum or customer support.

Improvements

- Improved filter dialogue usability. It now clearly divides between element and relation filter
- Possibility to configure author visibility in building block history
- All parts of the metamodel (element and relation names in English and German) can now be customized
- Improved login/logout when anonymous access is enabled
- Improved the printing layout of the single element view
- Microsoft Edge compatibility
- Extended the Plugin API with the ability to query meta information of attributes
- Extended the Plugin API with a get-user-details functionality
- Diagram legends now show the minimum and maximum values for numeric coloring
- Cluster diagram: New UI of the tool area, better configuartion possibilities for each row
- Diagram downloads now have a loading indicator
- Improved the legend readability in customized dashboards
- Related elements in a list view are now links to the respective single element view
- Multiline attributes in the single element view now show in full width
- Added proper notifications for missing permissions
- Mass updates now show a progress bar
- Direct SQL execution possible
- Added the possiblity to check the status of the iteraplan installation
- Improved the usability when uploading files in the graphics reactor
- Improved the usability of the roles and permissions page
- A lot of smaller UI/UX improvements

Fixed Defects

- Resolved some issues with the behaviour of the Plugin API. It now clearly distinguishes between parsing and executing scripts again
- Fixed an issue that prevented creating relations from an infrastructure element to a technical component in some rare cases
- Fixed an issue where multiline text attributes where not editable in the single element view
- Fixed an issue in the list view that prevented a new child element from being created
- Fixed an issue where the order of an element's children was not updated properly
- Fixed an issue where a copied element could not be edited properly
- Fixed an unexpected logout issue in IE11
- Fixed an issue with saving date intervals without end data in list view
- Fixed an issue where no subscription emails where sent
- The creation of attributes with an invalid name is now handled properly
- Fixed a layout problem when moving rows in the cluster diagram
- The sorting of lists is now properly saved
- Fixed an issue with the Excel import where the date could not be read
- Legends in the diagram Visio export are now positioned correctly
- Fixed an issue where the single element view was not loaded at all due to some missing permissions
- The element links in subscription e-mails are now correct
- A customized application logo is now displayed in a proper resolution

iteraplan 6.1

(Changes since iteraplan 6.0.5)

New Features

- Huge Metamodel extension
    - More powerful Business Mapping
    - Relations are now attributable
    - Extended Domain Types
    - Interface Type overhauled
    - Project connected to all other types
- Plugin API enhancements
    - GUI now available for configuration
    - Schedule a script execution
    - Possibility to directly execute a script
    - Send emails from scripts
    - Query external systems from scripts
- Customizings
    - Globally set date format, help menu contents etc.
    - Change logo, favicon and GUI colors
    - Define color schemes for visualizations
    - Rename the iteraplan Building Block Types and Relations

Reworked/Dropped Functionality

- Changes related to the Metamodel extension
    - Some technical names of elements changed
    - Relations are now attributable, so their handling changed
    - Interface type has been renamed and overhauled
    - See here for details
- Classic Client removed from iteraplan
    - Saved Queries and History data need to be migrated
    - Object related permissions are removed
    - Time series functionality removed
    - Spreadsheet report templates replaced by internal Excel feature
    - Seals now realised via Plugin API

- Information Flow diagram templates removed
          - Audit log file feature removed
          - Functional permissions were adjusted
          - See here and here for details
    - Plugin API scripts now configured via GUI
        - See the Upgrade Guide how to migrate them

Improvements

- Performance improvements, especially for initial load, list view and single element view
- List view controls and diagram configuration options redesigned
- Visio dowload option (beta status) for various diagrams available
- Position values of elements are now considered in tree view and diagrams
- Direct loading of saved queries from lists and visualizations possible
- Possibility to take over result set from iteraQL query console to list or diagram
- Improved Overview for configured Roles & Permissions
- Loading notice for some long running tasks added
- History for Building Block Types now also shows changes of single elements, without details
- Axis label text size in portfolio diagram improved
- Background color of Custom Dashboards improved for better visibility

Fixed Defects

- Excel import now correctly removes self relations with the conservative strategy selected
- User delete now possible with existing subscriptions
- Metamodel structure view: Boxes are now everywhere clickable
- Element History does no longer show global changes of the type from before the creation time

iteraplan 6.0.5

iteraplan 6.0.5 is a Service Release featuring mainly defect fixes

(Changes since iteraplan 6)

Fixed Defects

- Various problems when copying elements solved
- IE11: After adding elements via the list view the green "adding line" in the table now disappears
- Buttons New & Delete in Single Element view no longer available when user has insufficient rights
- Query console result list no longer shows edit marker when editing is not possible in the list
- Error now shown when a published Graphics Reactor result page fails to be created
- Mass deletion of just created Business Mappings now works correctly in all cases
- HTML markup in Dashboards in now correctly distinguished from XWiki markup
- Download of Custom Dashboards now works correctly
- Custom Dashboards do not automatically redraw themselves
- Subscription mails now work correctly for just added relations
- The anonymous access feature now works correctly in all cases when using Oracle as database backend
- The IT-Service element translation string is now used everywhere in the New Client
- The Excel import is no longer prone to incorrect time span values
- The visualization embed feature does no longer show a blank page in IE 11
- Scrolling in the list after opening and closing a multi line input field now works in all browsers
- When loading a saved query columns might no longer be discarded
- The Information Flow layout is now immediately deterministic after a parameter change
- IE11: Adding relations in the single element view fixed
- Multivalue enumeration attributes in the Default Attribute Group are now correctly displayed
- In the Single Element View Enumeration Attributes which are shown next to the core attributes can now be correctly edited
- The single element view does no longer accidentially open when using drag and drop in the tree view mode
- Descriptions in the Query console result list now show the XWiki syntax correctly
- Some rare cases fixed with attribute group and building block type permissions
- No more empty space shown at the bottom of the Masterplan Diagram
- Coloring in Pie Chart Diagram will no longer be broken after reload / additional configuration

Improvements

- Various GUI and layout improvements regarding usability and clear arragement
- Elements in PDF & SVG export now link to the single element view page in iteraplan
- Browser back button now immediately goes back to the last visited screen
- Order of enum literals now respected in the REST response and everywhere in the GUI
- (?) links in multiline editors now lead to proper online XWiki documentation page
- Filtering speed improvements in IE11, especially with manual filtering
- Single element view page speed improvements

iteraplan 6

(Changes since iteraplan 5.5)
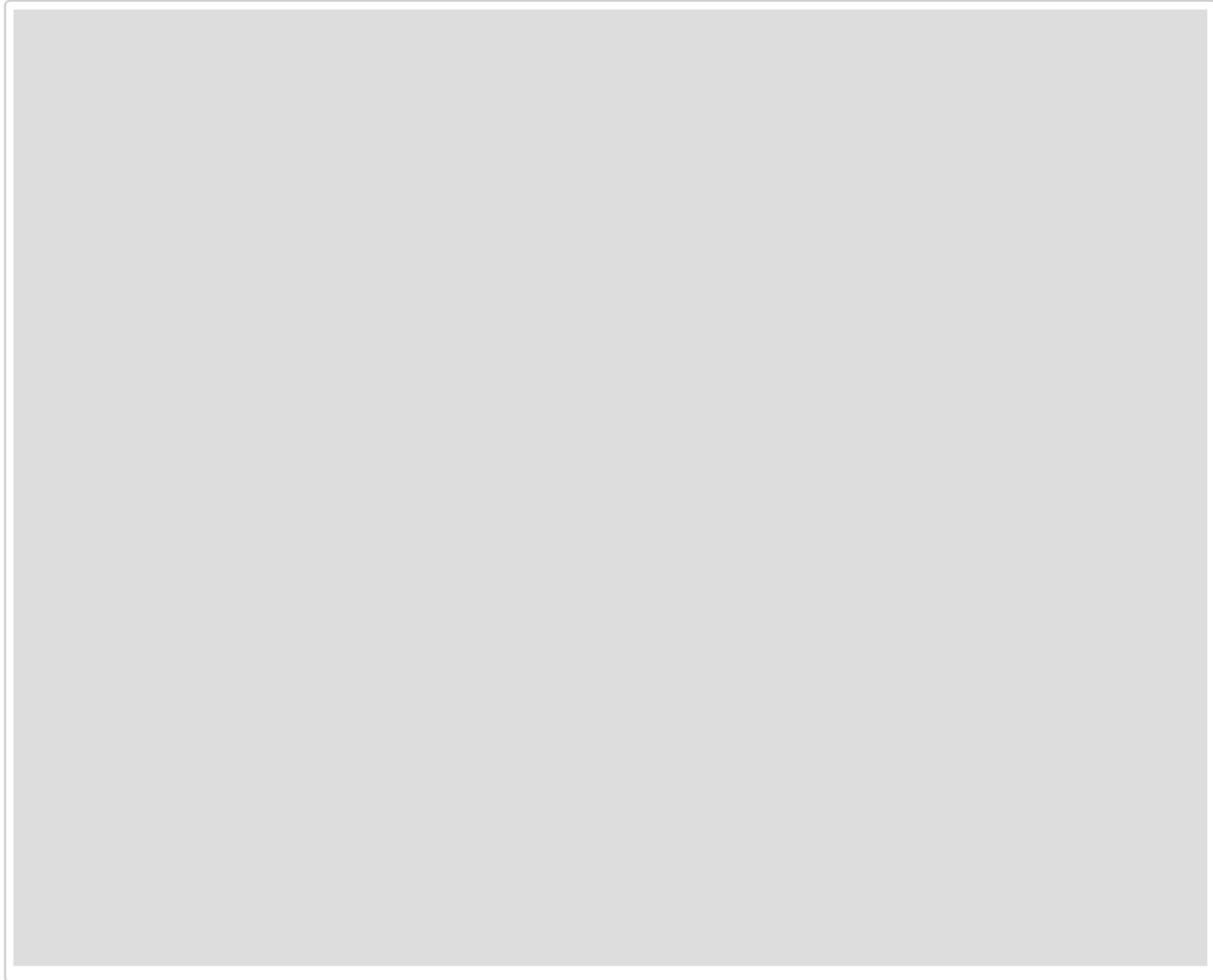
New Features in the Interactive Client

- Mass update feature
    - Included in the list view
    - Filtering and manual selecting of elements possible
    - Setting/clearing and adding/removing of value(s) possible
    - Works also with relations, not only with attribute values
- Adding & deleting for Business Mappings
    - Part of the list view
    - Individual Business Mappings can be added or deleted
    - Adding/Deleting of combinations (cross product) possible
- Enhanced Single Element view
    - Editing of all values possible
    - Add relations by simply starting to type element names
- New Tree view
    - Included in the element list view
    - Shows the hierarchical position of the elements
    - Rearrange via Drag and Drop possible
    - Also works with filtered lists
- New Custom Dashboard
    - Individually combine saved visualisations and other content
    - Freely design and layout your dashboards
    - Immediately see your results
    - Save and share your dashboards
    - Migration (of dashboard templates) from Classic Client is available
- Integration of lists and visualizations
    - Easily switch from one view to the other and keep all filters etc.
    - Available for all types and all visualizations
    - Also visualize single elements directly in various diagrams
- New User and Role & Permission Management

- Included in the Admin section
- New layout eases the administration of the features
- New Attribute and Attribute Group Management
  - Included in the Admin section
  - Drag and Drop available for reordering elements
- Element Subscriptions
  - Available in the list view and the single element view
  - Subscription possible to both single elements and to the element type
  - Works also with mass update (mass subscription)
  - Current subscription status is shown

Improvements

- Docker images of iteraplan are generally available for all customers
- Export & Import
  - Functionality available in the Interactive Client
  - Progress now better visible
- Full XWiki Syntax is again available for multi line text attributes
- History data for a bulding block type (containing creates and deletes of elements) available
- Better interaction within the Navigator
- Elements can now be easily copied
- New start screen layout, data model showing all relations and self relations also available
- More example use cases of iteraplan Reactions available in the documentation
- Missing mandatory and out-of bounds attribute values are highlighted in the single element view
- List of users can now be downloaded
- Current licensee and license expiry date is shown in the admin section
- Filtering for system attributes like lastModificationTime now possible
- Status of search index recreation now shown
- Anonymous access (without prior login) to iteraplan configurable
- iteraplan Reactions now also log their output to the iteraplan log file
- Notifications (Subscriptions) are now sent when importing data via Excel
- Better error message via REST when license in invalid

Reworked/Dropped Functionality

- The iteraplan Classic Client is no longer available by default.
  It is only included as a reference, without any support, and it needs to be activated explicitly to be used.
- User Groups are no longer available. All user groups are migrated to user entities with this release.

Fixed Defects

- Complex list or visualisation configurations resulting in very long URL strings are now correctly saved
- iteraQL query console results with two separate types are now correcty displayed
- Zoom level in the Information Flow Diagram is now correctly saved
- Quick filter in list view now always connects all search terms via AND
- Overall application speed improved when using custom enumeration attributes with a lot of literals
- Installer no longer uses wrong/unwanted settings when run twice