

Release Notes



BONZAI
A SKYVERA COMPANY

BONZAI INTRANET

v.2.2.0

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1. Release Overview

Bonzai version 2.2.0 release delivers quite a few performance improvements and issue fixes.

Release Version	2.2.0
Release Date	August 14, 2019
Deliverables	<ul style="list-style-type: none">Release NotesBonzai Intranet Deployment Package

2. Summary of Issues Fixed

2.1 Issues Fixed in v2.2.0

Detailed below are the fixes in this release:

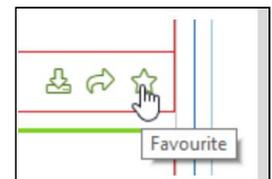
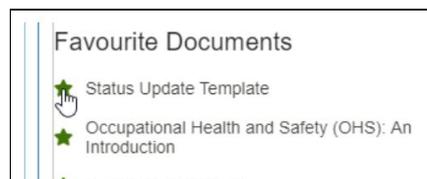
- Provided a 1-click way to upgrade Bonzai from any version between 1.6.0 to 2.2.0 in Brick (BOINT-7458).
- Added a font size range limit of between 12px to 32px for the Landing Web Part to prevent unwanted overflow (BOINT-7767).
 - No validation in being performed for the font size property of the web part, allowing customers and users to define any value of the font size, from tiny to huge.
 - The solution was to implement validation for the font size property of the web part configuration, limiting the users to any font size between 12px and 32px. These should be enough to cover all but the most edge cases
- Fixed an issue where a Content Search Web Part placed inside the Rich Content of a page in multiple display templates, would not display results in Chrome (BOINT-7808).
 - Chrome is handling the Javascript differently than Internet Explorer when the Content Search Webpart is nested inside a deeper content section, compared to when it is placed in a normal page layout zone, and so the React renderer could not find any components to render in HTML.
 - Created a version of the display template that renders the result HTML directly without depending on the Bonzai JavaScript, the same way that OOB SharePoint templates work.

This has no effect on the existing functionality and this template will be used for rendering results when the web part is nested inside page content.

- Fixed an issue where the Share button would spill outside an Internet Explorer page when Comments and Likes are disabled (BOINT-7840).
 - The CSS that handles the layout and positioning of the action buttons/elements in the sidebar was not IE compatible. Corrected the CSS rules to make it work in all supported browsers.
- Fixed an issue where hitting enter to submit a search in Employee Directory would cause the page to refresh instead of updating the search results (BOINT-8342). The issue remains in Site and Locations Directories and will be fixed in a subsequent release.
 - The issue started to occur after Microsoft rolled out their latest SPO patch. When performing a search in the Document Portal, hitting Enter after typing on the search input field caused update of the search query and form submission. The problem is that submitting the form also updates the search query. This caused the "enter" keystroke to send the updated query to the SharePoint API, then immediately refreshed the page. The API call then had nowhere to return result to and the overall effect is that it seems like no search has been performed (the search is cleared).
 - The solution was to interrupt the execution of the submit listener when the Enter key is used to update the search query. This will prevent the double submission, as well as the default form action which is to refresh the page and load the "action" property of the form containing the input.
- Fixed an issue where posting a comment in Internet Explorer would result in an error (BOINT-8409).
 - The 'xhr.onreadystatechange' call that is used to test the network before posting the new comment is not working in IE11. It appears that it was deprecated: [https://msdn.microsoft.com/en-us/ie/bq182625\(v=vs.94\)](https://msdn.microsoft.com/en-us/ie/bq182625(v=vs.94))
 - The solution was to replace the implementation of the listener with something that is supported in all browsers - 'xhr.addEventListener'.
- Bonzai Result Types are now optimized for frequent use in SharePoint (BOINT-6615).
 - The solution files were created without the option to "Optimize for Frequent Use" enabled. This defect/enhancement merely turns them on.
 - The solution was to update the solution files by toggling the switch for the "Optimize for Frequent Use" to enabled.

- Updated the property mapping of Bonzai Result Types (BOINT-7058).
 - When Bonzai is activated in SharePoint, it creates multiple Search Result Types using Custom Property Rules. Those rules were defined to use ContentType instead of the new OwlContentType column.
 - The solution was to update the SharePoint solution files for OnPrem to change the property mapping for the Result Types to OwlContentType.
- Improved Bonzai page loading speed. The implementation of the injection of the Bonzai JavaScript was changed from a DOM insertion after the page is loaded to a deferred JavaScript reference. This optimized the retrieval of the library and improved loading times for all pages (BOINT-7267, BOINT-7277).
- Merged comment count retrieval to eliminate continuous and repetitive API calls being made by the Slider Web Part when transitioning to a new slide (BOINT-7462, BOINT-7450, BOINT-7451, BOINT-7452, BOINT-7453). Merged 18 requests into 2 (9x). ** Since this update fetches the comment counts in a single batch API call, it disables real-time updates of the comment counts.*
- Merged comment count retrieval to eliminate lots of extra API calls from the News and Events Rollup Web Parts when retrieving items from a list (BOINT-7463, BOINT-7454, BOINT-7455, BOINT-7456, BOINT-7457). On average, request count was reduced by 3 times.
- Refreshing the page in edit mode no longer resets you to the first tab (BOINT-7843).
 - The page is refreshed when a user inserts a web part into it. This is true for all pages and page layouts in SharePoint, regardless of whether it is Bonzai or not.
 - The solution was for Bonzai page layouts to find a way to store the active tab's details in cache whenever the active tab is changed and then when the page is refreshed - reload that tab to restore the state of the user on the page.
- Hovering over the "star" icon on favourite documents now changes the cursor to a pointer (BOINT-7844).

- There was missing CSS to handle the :hover state when placing the mouse pointer over the favourite icon.



- The solution was to create the CSS rule that handles the hover the same way that it is handled in the Document Portal favourites (apply this to all places where the favourite star is present and clickable).

- Standardized the white space between items in the Site Directory (BOINT-7855).
 - Detect if the description is already wrapped in <p> tags, and if not - provide a wrapper that has the same padding CSS as the <p> tags. This will ensure that the sites all have the same padding visible from the front-end, without having to edit each site in the content manager.
- Long Landing Web Part titles no longer overflow in Internet Explorer (BOINT-7896).
 - The solution that truncated text longer than three lines in the landing web part was incomplete and introduced an extra white space for shorter texts in the titles. It also introduced misalignment issues for these shorter titles.
 - The solution was to make the height limit the maximum and dynamically calculated based on the font size actually being used for the web part, instead of a static definition for all items based only on the default font size. This will ensure that it adapts to the content and shorter titles are unaffected by the max-height setting. No additional and unnecessary white space will be added as a result.
- The author's profile picture no longer vanishes from the page when a header image is assigned (BOINT-7925).
 - The update that converts the header image implementation into responsive on page load, and at the same time hides the original element is cascading into another small element inside the container, which is the Author's profile picture.
 - The solution was to provide more specificity to the updated CSS, so that it only affects the target element and does not cascade into other elements on the page.
- Added new toggles to hide or show Alphabet Links and Search Results and to expand the Search Input in Employee Directory Web Part, so that it can easily be configured as a "quick search" (BOINT-7937)
 - The update from 1.6.0 to 2.0.0 for the employee directory web part by default includes alphabet shortcuts for the names, which is always visible, causing the entire web part to become impractical for small zones.
 - The solution was to add toggles for the alphabet links and search results to be able to put the web part in a smaller section.
- Font-Awesome library is updated to 5.7.2 (BOINT-7950)
 - Our Font Awesome library was slowly becoming outdated, as the service provides new icon sets almost every month. The current version on the service is 5.7.2, while the one we were running was 5.4.2.

- Library was updated to the latest at the time - 5.7.2.
- Added stricter and more consistent editor validation for Rollup Images in Event Pages and Spotlight Pages (BOINT-8108, BOINT-8123).
 - There was no field validation that checks the corresponding value for the image rollup property when the checkbox to display the image in the frontend is checked or unchecked respectively.
 - The solution was to establish a dependency of the "required" state of the Image Rollup property on the "Show rollup image" checkbox, so that the image property becomes mandatory when the checkbox to display it is enabled.
- Reduced and made the white space in News Rollup Tile overlays smaller and more dynamic (BOINT-8304).
 - There is too much space covered by the overlaid shaded layer in news tiles, which works fine visually for medium to large tiles in zones. However, when the news tiles become small, for example when two tiles are placed side-by-side inside a 1/4 zone, the size of the overlay in proportion to the actual tile itself causes problems, since it covers most of the tile and renders the majority of the tile's image obstructed.
 - The solution was to change the CSS of the H4 inside the overlay from a fixed-height to automatic, so that it renders proportionally compared to the tile that it is in. Also remove the fixed 'line-height' property.
- Fixed an issue in Internet Explorer where Bonzai tabs were not visible in edit mode (BOINT-8405).
 - After the Microsoft Patch was rolled out to SharePoint Online tenants, the call to initialize the page layout on Bonzai Pages is getting called in the wrong sequence now compared to before. It gets called too early, before the DOM elements that it needs to update are present and misses them completely.
 - The fix introduced the solution that work in both supported browsers correctly.
- Fixed an issue in Internet Explorer where selecting search refiners with long text caused it to overlap the adjacent sections (BOINT-7810).
 - When category titles are very long they will cause the container for search refiners to extend beyond the width of the parent dropdown in IE11. This causes it to overlap the next refiner, making it impossible to dismiss using the 'x' button. This issue is caused by IE11's non-standard handling of CSS rules.

- The solution was to provide a CSS rule that works in both IE and Chrome, to restrict the maximum width of the text container in the refiners and wrap whichever text is longer.
- Fixed an issue in Internet Explorer where using special characters such as “&” in the navigation terms caused it to render a pixel taller than other terms in the mega navigation (BOINT-7967).
 - It appears that this is an obscure Microsoft issue. Sharepoint renders ampersands '&' as fullwidth ampersands '&' for managed metadata:
<https://nickhobbs.wordpress.com/2012/03/29/sharepoint-2010-managed-metadata-converts-ampersand-and-double-quotes-to-unicode/>
 - The solution was to update the navigation handling prior to rendering in order to convert it back into the normal ampersands.
- Added toggles to hide or show Search Results and expand the Search Input for the Locations Web Part (BOINT-8125).
 - There was no option to hide/show the search results in the Locations Web Part. As a result, the web part required a workaround in order to be used as a quick search.
 - Solution was to add an option to toggle results visibility on or off for the web part.
- Improved performance in Web Parts and components that retrieve User Profile information from Sharepoint. The Spotlight and People Listing web parts, as well as comment threads no longer perform individual API calls to request User information. Instead, they retrieve all of the User information for the persons in the items (or comment's authors) in a single call. This results in an approximately five-fold reduction in API requests for the above components on average. (BOINT-7290).
- Corrected an issue causing the Site Directory to hang when the site description for an item is in plain text (BOINT-9347).
- Corrected an issue preventing functional comments in SharePoint Online - an update rolled out by Microsoft prevented our associated CAML query from functioning (BOINT-11166).

3. Known Issues

- Since this update fetches the comment counts for Slider Web Part transitions in a single batch API call, it disables real-time updates of the comment counts.
- Hitting enter to submit a search in Site or Location Directory will cause the page to refresh instead of updating the search results, in Office 365 (BOINT-9346).
- Removing Favorites in the Document Portal, Favorite Documents section, does not work. Favorites can still be removed by clicking the star in on the item in search results (BOINT-8650).

- Whitespace padding in the Site Directory is inconsistent (BOINT-9411).
- Typo in the settings of the Employee directory (BOINT-9409).
- Employee Directory typeahead search results in small zone overflow (BOINT-9410).
- News Rollup Web Parts that are sourcing the same List and View names from different subsites may show inconsistent sorting behaviour (BOINT-10305).
Workaround: Although this will be fixed in the next release, if you are experiencing this issue in your environment, it is possible to resolve it by renaming one of the Views of the source Lists, to provide uniqueness.
- **Important Note:** SharePoint Online customers should continue to use the Bonzai 2.1.5 page layouts.

4. System Requirements

Required software is noted below, with an emphasis on the following terms:

- **Certified** - this release was tested specifically against this configuration.
- **Supported** - this release was not tested against this specific configuration, though it remains supported as differences between it and the certified software are minimal or not applicable to Bonzai.

	Certified	Supported
Operating System	Windows Server 2016 with .NET Framework 4.5	Windows Server 2012 R2 with .NET Framework 4.5
SharePoint	SharePoint 2016 SharePoint Online	SharePoint 2013 w/ SP 1 or higher
Database	MS SQL 2016 Std	Bonzai supports the versions of Microsoft SQL that SharePoint supports (SP2013 SP2016)
Web Browser	IE 11	

Chrome 72.0.3626.121

5. How to Install or Upgrade to this Release

Please contact success@skyvera.com for more information on how we can help you to upgrade to this release.

The Bonzai team will deploy 2.2.0 to our CDN on August 13th.

To request an upgrade to this version please submit a ticket in Zendesk requesting an upgrade, this will be passed to our services team who will contact you about scheduling the upgrade.