





# Version 7.2.0 Release Notes

The following bug fixes and feature enhancements have been made in ThingWorx 7.2.0:

<b>Enhancements</b>
<b>Platform</b>
<ul style="list-style-type: none"><li>Added the option to use H2 as a datastore. Installation is similar to Neo4j, and instructions can be found in the <a href="#">Installation Guide</a>.</li></ul>
<ul style="list-style-type: none"><li>Added Account Lockout functionality.</li></ul>
<ul style="list-style-type: none"><li>Added the ability for Administrators to configure the email that is sent to a user that resets their password.</li></ul>
<ul style="list-style-type: none"><li>Enhanced file transfer functionality. By default, file transfers between an edge agent and ThingWorx require the Always On edge agent to be connected or the file transfer is not processed. However, file transfers can be invoked with the <b>Queueable</b> setting selected (set to true). If a file transfer is set to queueable and is initiated when the agent is not connected to ThingWorx, it is placed in the offline queue and will execute once the agent is connected.</li></ul>
<b>Mashup Builder</b>
<ul style="list-style-type: none"><li>Added the ability to update properties automatically in a mashup.</li></ul>
<b>Extensions</b>
<ul style="list-style-type: none"><li>Enabled system objects and configuration properties to be edited within extensions. See the <a href="#">ThingWorx Eclipse Plugin for ThingWorx Extensions</a> for more information.</li></ul>

Enhancements
<p>Added the following chart widget extension package. This extension includes the following three charts with enhanced functionality:</p> <ul style="list-style-type: none"> <li>• Line chart</li> <li>• Bar chart</li> <li>• Time Series chart</li> </ul> <p>The <b>ChartWidget_ExtensionPackage.zip</b> extension and documentation is available on the <a href="#">ThingWorx Marketplace</a></p> <p> <b>Note</b></p> <p>If you are using the d3 Network or d3 Tree widget, you must upgrade to the latest version in order to use the charts in the Chart Widget extension package.</p> <ul style="list-style-type: none"> <li>• Added the ability to debug the <b>sendMail</b> and <b>readMessages</b> services in the Mail extension. For more information, see the <a href="#">ThingWorx Marketplace</a>.</li> </ul>

Bug Fixes	
Platform	Related JIRA
<ul style="list-style-type: none"> <li>• A user can no longer set a home mashup for a user group using the <b>SetHomeMashup</b> service or via Composer.</li> </ul> <p> <b>Caution</b></p> <p>If your application is currently using the <b>SetHomeMashup</b> service on a user, an error response will be returned.</p> <p> <b>Note</b></p> <p>Although the <b>GetHomeMashup</b> service can be called on a user group, it will return an empty string.</p>	TW-6466
<ul style="list-style-type: none"> <li>• Fixed an issue with persistent property values that was preventing imported values from being saved unless the thing was restarted.</li> </ul> <p> <b>Note</b></p> <p>Non-persistent properties are not saved when a thing is saved/restarted.</p>	TW-5765
<ul style="list-style-type: none"> <li>• Fixed an issue with that was causing form logins to proceed to browser authentication if only the user ID was supplied.</li> </ul>	TW-5046

Bug Fixes	
<ul style="list-style-type: none"> <li>Fixed an issue with form login that was causing an error message to be logged when incorrect credentials were provided. The message is now logged as a warning.</li> </ul>	TW-5204
<ul style="list-style-type: none"> <li>Fixed an issue that was causing entities with a period in their name to be excluded from the Explorer search bar.</li> </ul>	TW-7489
<ul style="list-style-type: none"> <li>Fixed an issue that was causing the <b>AcknowledgeAlert</b> service to record acknowledgements from alerts that were not triggered.</li> </ul>	TW-7235
<ul style="list-style-type: none"> <li>Fixed an issue when exporting via Source Control Entities that was causing discrepancies when data was exported.</li> </ul>	TW-6459
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing a user from being deleted from an organization.</li> </ul>	TW-6563
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing code snippets with a LOCATION base type from being inserted.</li> </ul>	TW-6675
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing a user from being removed from a user group.</li> </ul>	TW-6743
<ul style="list-style-type: none"> <li>Fixed an issue when a user attempted to invoke a service using a DELETE instead of a PUT or a POST, ThingWorx would not invoke that service but returned a <b>200 OK</b> message. Updated to return a <b>405 METHOD NOT ALLOWED</b> instead.</li> </ul>	TW-7255
<ul style="list-style-type: none"> <li>Fixed an issue that was causing the <b>intersect.intersect</b> to fail.</li> </ul>	TW-6560
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing visibility settings from being applied to the <b>GetEntityList</b> service.</li> </ul>	TW-7084
<ul style="list-style-type: none"> <li>Fixed an issue where a federated publisher kept logging errors while the subscriber server was down.</li> </ul>	TW-7568
<ul style="list-style-type: none"> <li>Fixed an issue that was causing time stamps in data table entries to be incorrect (in PostgreSQL environments).</li> </ul>	TW-7373
<ul style="list-style-type: none"> <li>Fixed an issue that was causing properties extended from a UserExtensions thing shape to return a BOOLEAN instead of a STRING.</li> </ul>	TW-7348
<ul style="list-style-type: none"> <li>Fixed an issue with the form login page that was causing an incorrect redirect URL link in the email notification.</li> </ul>	TW-6431
<ul style="list-style-type: none"> <li>Added the <b>DeleteModelTagVocabulary</b> and <b>DeleteDataTagVocabulary</b> services for deleting model and data tag vocabularies.</li> </ul>	TW-5087

<b>Bug Fixes</b>	
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing infotable properties from persisting default values.</li> </ul>	TW-4757
<b>Mashup Builder</b>	<b>Related JIRA</b>
<ul style="list-style-type: none"> <li>Fixed an issue with the Value Display Widget that was preventing an ellipsis from displaying if the <b>TextWrap</b> property was unchecked.</li> </ul>	MRD-238
<ul style="list-style-type: none"> <li>Fixed an issue with the HTML TextArea Widget that was preventing content from being evaluated until the content was edited.</li> </ul>	MRD-368
<ul style="list-style-type: none"> <li>Fixed an issue with the HTML TextArea Widget that was causing indented text to be italicized.</li> </ul>	MRD-257
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing certain style definitions from loading correctly in Firefox.</li> </ul>	MRD-374
<ul style="list-style-type: none"> <li>Fixed an issue with the Property Display widget that was displaying incorrectly when Chinese characters were used.</li> </ul>	MRD-348
<ul style="list-style-type: none"> <li>Fixed an issue with the Wiki Widget that was causing titles to display incorrectly after the article was edited.</li> </ul>	MRD-324
<ul style="list-style-type: none"> <li>Fixed an issue with the Wiki Widget that was preventing the vertical scroll bar from displaying.</li> </ul>	MRD-325
<ul style="list-style-type: none"> <li>Fixed an issue with the Layout Widget that was causing the footer to always load as expanded, regardless of setting.</li> </ul>	MRD-356
<ul style="list-style-type: none"> <li>Fixed an issue with the Repeater Widget that was causing embedded repeaters to inherit the <b>allowSelection</b> property selection of its parent repeater.</li> </ul>	MRD-347
<ul style="list-style-type: none"> <li>Fixed an issue with the Link Widget that was preventing text from wrapping.</li> </ul>	MRD-331
<ul style="list-style-type: none"> <li>Fixed an issue with the Repeater Widget that was preventing it from rendering property updates.</li> </ul>	MRD-329
<ul style="list-style-type: none"> <li>Fixed an issue with the Textbox Widget that was causing inconsistent behavior in IE for triggering change events.</li> </ul>	MRD-351
<ul style="list-style-type: none"> <li>Fixed an issue that was preventing user extension properties from being displayed on mashups.</li> </ul>	MRD-366
<ul style="list-style-type: none"> <li>Fixed an issue that was causing dashboards to load slowly.</li> </ul>	MRD-452

<b>Bug Fixes</b>	
<ul style="list-style-type: none"> <li>Fixed an issue with the Layout Widget that was preventing the <b>ShowExpandCollapseTab</b> property from working with a sidebar.</li> </ul>	MRD-494
<ul style="list-style-type: none"> <li>Fixed an issue with the Grid Widget that was preventing the <b>Auto-Width</b> formatting option from working when <b>double byte character</b> was set to <b>Column Title</b>.</li> </ul>	MRD-346
<ul style="list-style-type: none"> <li>Fixed an issue with the HTML TextArea Widget that was preventing the <b>Enter</b> button from working with drop-down lists.</li> </ul>	MRD-239
<ul style="list-style-type: none"> <li>Fixed an issue with the Grid Widget that was causing the defined <b>FocusStyle</b> to be ignored.</li> </ul>	MRD-172
<ul style="list-style-type: none"> <li>Fixed an issue with Gadgets to allow the <b>TitleBarText</b> property to be localized.</li> </ul>	MRD-161
<ul style="list-style-type: none"> <li>Added the ability to add hyperlinks in a Grid Widget.</li> </ul>	MRD-244
<ul style="list-style-type: none"> <li>Fixed an issue that was causing the text in a chart legend to be out of alignment.</li> </ul>	MRD-306
<b>Extensions</b>	<b>Related JIRA</b>
<ul style="list-style-type: none"> <li>Added the User Management Subsystem and Platform Subsystem APIs to the Extension SDK.</li> </ul>	TW-7479
<ul style="list-style-type: none"> <li>Changed the default location that the MQTT extension writes backup files to, due to possible permission issues with saving to the root. Backup files are now written to <code>ThingworxStorage/mqtt</code>. For more information, see <a href="#">ThingWorx Marketplace</a>.</li> </ul>	TW-6337