

Specification for Groundwork Console 1.2

Document History

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Introduction

The following document is a high level specification for the implementation of Groundwork Console 1.2 targeted for the release Groundwork Monitor 4.6.

As this is a point release and not a major release, only minor changes will occur. This release will provide a larger selection of filtered views and a link from Status Viewer to Console. Console 1.2 will be the first application built on the new Foundation WebService.

Business Requirements

Many of our users have requested more control over the events that are displayed in the console. We would like to provide them with a tool to control what events are displayed, but will not be able to provide that in such a short period of time. As a compromise, we will provide a selection of predefined views, accessible from the side navigation tree, into the database as specified by product marketing.

Currently, the user can pop up a Status Viewer HostComponent from the Console. This gives the user a detailed view of the status of the Host and it's components. For Feature Pack 1, we will provide a link from a Status Viewer Host, Service or HostGroup into the Console. This will allow the user to view all events related to the Host, Service or HostGroup that they are looking at in Status Viewer.

The user can sort the events displayed in the Console by clicking on a column heading. This is a nice feature, but many users have requested an enhanced sorting feature that would allow the user to sort by more than one column. For example, the user might want to sort by LastInsertDate and then by Severity. We will add an "Advanced Sort" button at the top of the Console display window that, when clicked, will allow the user to select a Primary column and a Secondary column. Although not perfect, this will give the user somewhat more control over sorting.

Proposed Changes

Status Viewer Console Component

This release will also provide a link between Status Viewer and the Console. Currently, the user can view the details of a particular host from the Console. The user will now be able to bring up a console view from a Service, Host or HostGroup in Status Viewer and view all logged events for that service, host or HostGroup.

A new component type will be created in Status Viewer called a ConsoleComponent. This component will allow the console to be displayed in a restricted way such that only the events that pertain to the Status Viewer component that invoked it will be visible. There will be no side navigation tree available, however all other Console features will be available.

Advanced Sorting

This release will build upon our existing sorting capabilities by allowing the user to select a second column to sort by. We are limiting it to one additional column in the interest of time and of not complicating the UI too much. Ultimately, we would like to allow the user to sort by as many columns as they would like.

A button will be added to the Console labeled "Advanced Sorting". When this button is clicked, the user will be presented with a dialog box where he or she can select a primary and secondary column to sort by.

Restricted Interface

Only users with permission will be able to access the console. In addition, each user will only be able to view events that he or she is allowed to see. Most of the restrictive behavior will be handled by the Guava Framework, but there may be additional checking required from the Console.

Indicator for Acknowledgement and Ownership of Events

Two fields will be added to the Console event list. The first one will show whether the event or problem has been acknowledged. The second one will show who acknowledged the event or problem. These fields will be included in the query that is currently done to populate the Console with events from the event log.

Task List

Below is a list of tasks for the Console project:

<i>Description</i>	<i>Assigned To</i>	<i>Status</i>	<i>Estimated Time</i>	<i>Dependencies</i>
Console Specs	Robin	Complete – ready for review		
STATUS VIEWER CONSOLE COMPONENT				
1. Add a Console Component to Status Viewer	Robin	not started	1 day	
2. Add links to Console in appropriate places in SV	Robin	not started	1 day	
3. Create interface to Console so that it can be displayed in a Component in a restricted way as described above.	Robin	not started	2 days	
4. Test and Document	Robin/Bren/Rich	not started	unknown	
ADVANCED SORTING				
1. UI Design	Product Marketing	not completed		
2. UI changes and supporting code changes	Robin	started	2 days	#1
3. Create queries to handle sorting by multiple columns	Robin	not started	1 day	
4. Test and Document	Robin/Bren/Rich	not started	unknown	
RESTRICTED ACCESS				

<i>Description</i>	<i>Assigned To</i>	<i>Status</i>	<i>Estimated Time</i>	<i>Dependencies</i>
1. Restrict access according to Guava's restricted access list.	Robin	not started		
2. Test and Document	Robin/Bren/Rich	not started	unknown	
ACKNOWLEDGEMENT/OWNERSHIP INDICATOR				
1. Add these two fields to current query	Robin	not started	1 day	
2. Add these two fields to display	Robin	not started	1 day	
3. Allow the user to Acknowledge a single event	Robin	not started	2 days	
4. Allow the user to Acknowledge events for a Host or a Service	Robin	not started	2 days	
5. Test and Document	Robin/Bren/Rich	not started	unknown	