

## **Purpose**

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Offer RUanalytic users the ability to tag portions of events, entire events, and/or entire analytics with domain specific terms.

## **Applying Tags**

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In the RUanalytic tool the ability for a user to create and manage tags will need to be added to the event editor and analytic editor. When tagging an event or analytic the user is required to provide a tag name. Optionally, the user can provide a definition for the tag. More than one tag is allowed per event/analytic.

When tagging an event the user can optionally provide a data point for the tag. For video or audio the data point will be a timestamp. For images the data point will be coordinates and level of zoom in the image. When tagging an analytic the user can optionally provide the event or events that the tag refers to.

When a user is creating a new tag name as that user is typing the tag name any similar tag names they have provided in the past will appear as options to apply instead of creating a new tag. Users will also be able to browse/search existing tags. This supports reuse of existing tags.

## **Tag Management**

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As a user creates tags those tags will be stored and reusable later in other events and/or analytics. A management interface will be built allowing users to lookup tags they have created and the context the tag has been used in. The tag management interface will allow users to edit tag names and definitions as well.

## **Tag Exporting**

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Analytics can currently be exported as XML or RTF files. Those exports will also need to add support for exporting any tag associated with the events and or analytics. A new export option will be offered that allows only the tags be export in a CSV format. The CSV format can be used for later analysis.

## **Tag Viewing**

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A new tag timeline view will need to be added that will allow a user to see the tags applied on events in an analytic. Multiple views on the timeline will be offered. One view will show the tags on the y-axis with plot points on the x-axis demonstrating where tag was used in the analytic. Another view will be similar to the thumbnail view of events expect the thumbnail will be replaced with the tags used in the event. Both timeline views will provide navigation and playback functionality as well.

## **Publishing and Mapping**

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When publishing an analytic it will need to be determined if the tags are published along with the other metadata created. It may be mandatory, optional, or not offered. If the tags were to be included when publishing and analytic then the appropriate metadata element will need to be identified that will support the tags. If the tags are published the public analytic viewer will need to add support for viewing the tags during playback.

## **Tag Sharing**

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At this point there is no concept of sharing tags that one user has developed with other users of the analytic tool. While technically feasible this concept might be best served in a future release once tagging has been used by the user community for a release or two.