
Rivendell Font Management

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Overview

Fonts in Rivendell are managed by the `RDFontEngine` class, which generates them based on a set of abstract "roles" from a small group of parameters provided in the `[Fonts]` section of `rd.conf(5)`. The intent is to provide a consistent look-and-feel throughout the various Rivendell user modules while providing a convenient means for local customization.

Accessing Fonts

The simplest method for gaining access to Rivendell fonts is to inherit from one of the following classes:

```
RDDialog
RDFrame
RDPushButton
RDWidget
```

Each of these classes (as well as `RDFontEngine` itself) provides the following font methods:

Button Fonts

<code>buttonFont()</code>	Font for use in <code>QPushButton</code> widgets used for primary navigation, such as the "OK" and "Cancel" button found in most dialogs in <code>rdadmin(1)</code> .
<code>hugeButtonFont()</code>	Font for use in <code>QPushButton</code> widgets requiring an especially large font, such as the numbered "line" buttons in <code>rdcartslots(1)</code> .
<code>bigButtonFont()</code>	Font for use in <code>QPushButton</code> widgets requiring a large font, such as the "Add", "Move", "Delete" and "Copy" buttons in <code>rdairplay(1)</code> .

`subButtonFont()` Font for use in `QPushButton` widgets used for subsidiary navigation, such as "Select" buttons used to invoke file pickers.

Label Fonts

`bigLabelFont()` Font for use in `QLabel` widgets used for labeling the major UI element in a dialog, such as a `QListView`.

`labelFont()` Font for use in `QLabel` widgets used for item labeling, such as the various output names in the Configure RDAirPlay dialog in **`rdadmin(1)`**.

`sectionLabelFont()` Font for use in `QLabel` widgets used for identifying major sections within a particular dialog, such as the "Channel Assignments", "Log Settings", "Display Settings" and "Start/Stop Settings" sections of the Configure RDAirPlay dialog in **`rdadmin(1)`**.

`subLabelFont()` Font for use in `QLabel` widgets used for sub-item labeling, such as the "Card" and "Port" fields in the Configure RDAirPlay dialog in **`rdadmin(1)`**.

Miscellaneous Fonts

`progressFont()` Font for use in `QProgressBar` widgets used for showing progress on long-running operations, such as posting a podcast in **`rdcastmanager(1)`**.

`bannerFont()` Font for use where a large display font is needed, such as the "L" and "R" channel markers on the waveform display in the Edit Audio dialog in **`rdlibrary(1)`**.

`timerFont()` Font for use in timer displays, such as the one in the Cut Info/Record dialog in **`rdlibrary(1)`**.

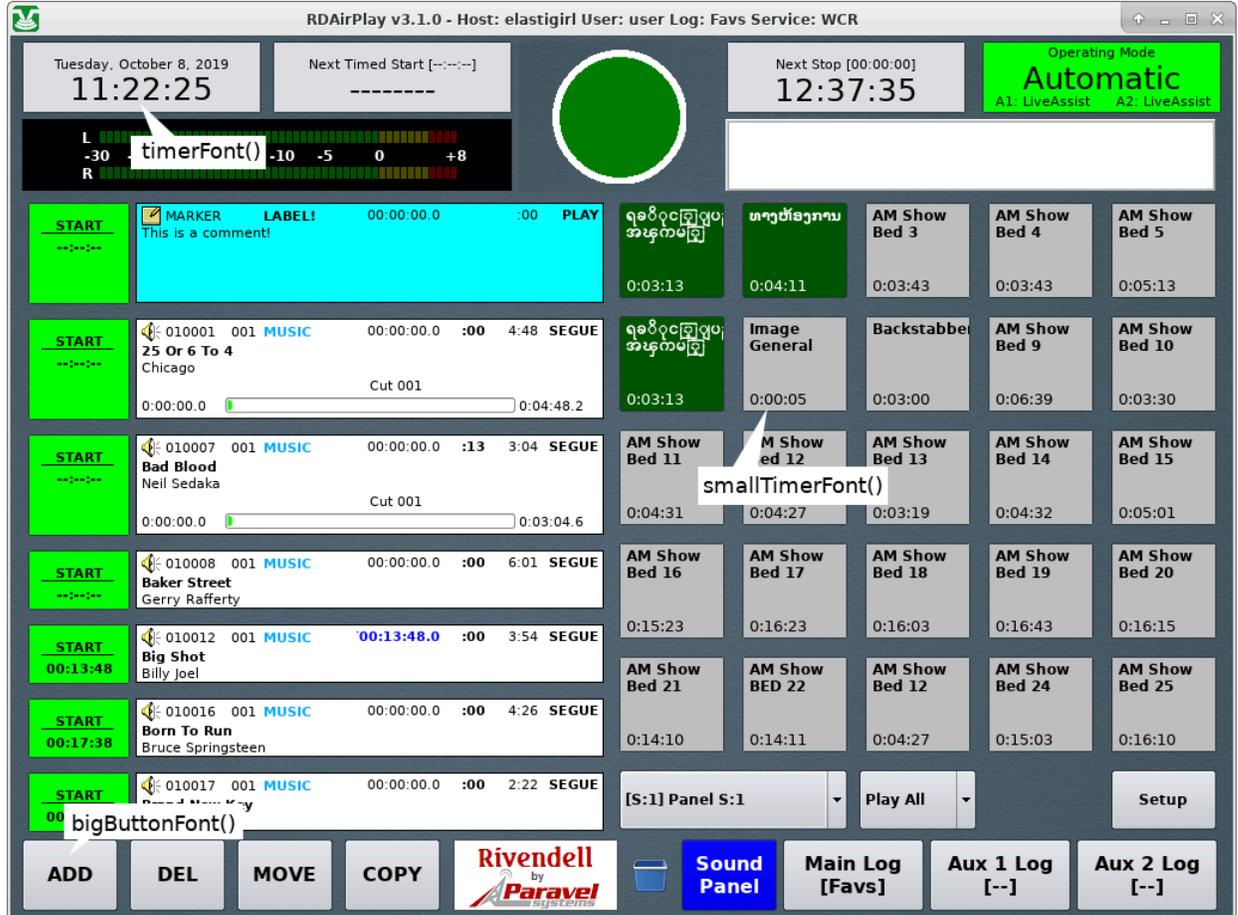
`smallTimerFont()` Font for use in small timer displays, such as the one on `SoundPanel` buttons in **`rdairplay(1)`**.

The Default Font

The `defaultFont()` method returns a font that can also be obtained by calling the `font()` method of `RDDialog`, `RDFrame`, `RDPushButton` and `RDWidget` classes. As implied by its name, this font will also be assigned by default to any child widgets of those classes. This font should be used for all data element classes (`QLineEdit`, `QComboBox`, `QTextEdit`, etc.)

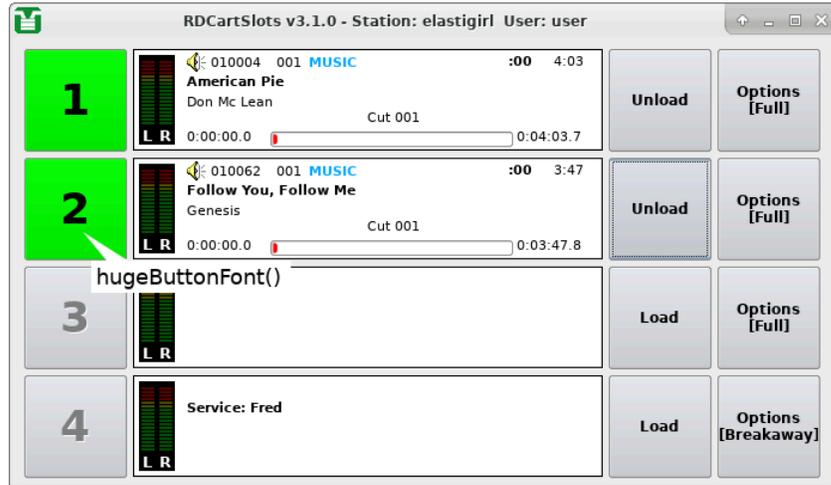
Examples

RDAirPlay



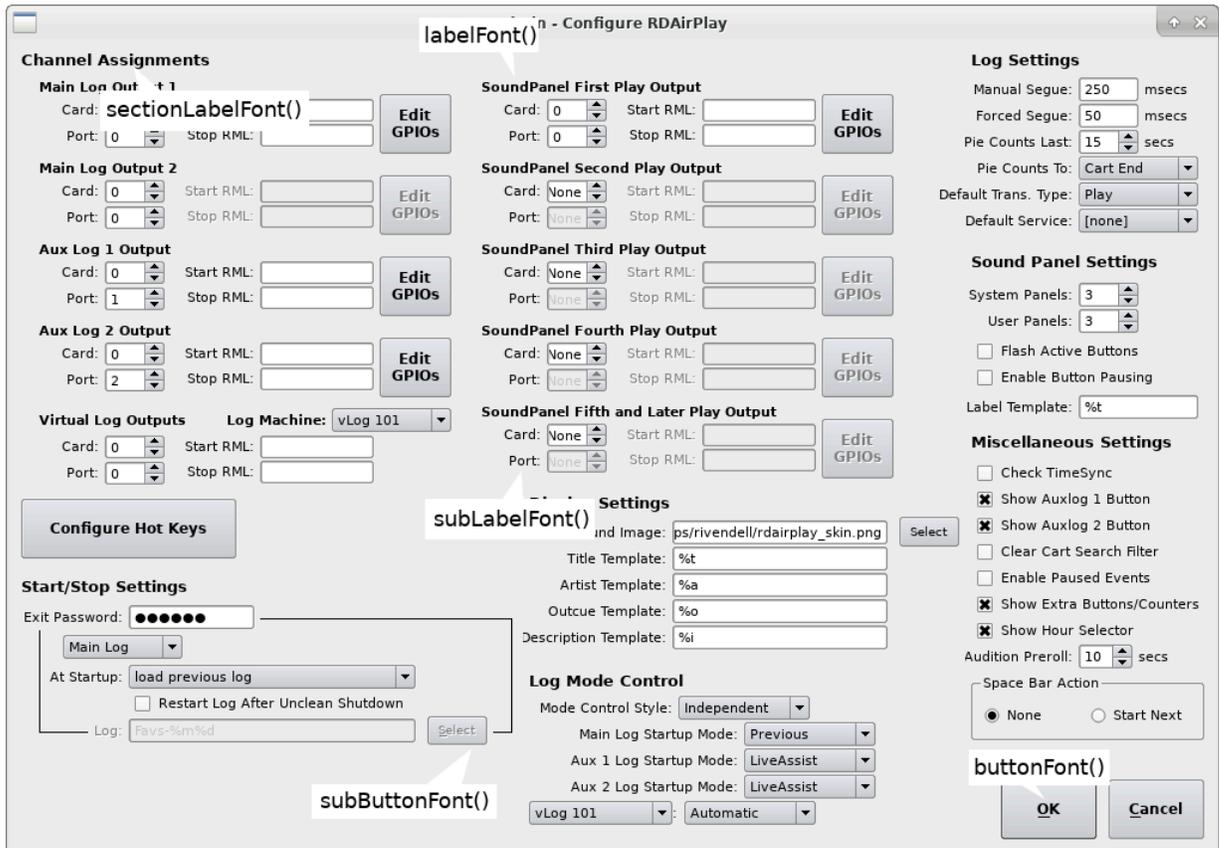
Examples of bigButtonFont(), smallTimerFont() and timerFont()

RDCartSlots



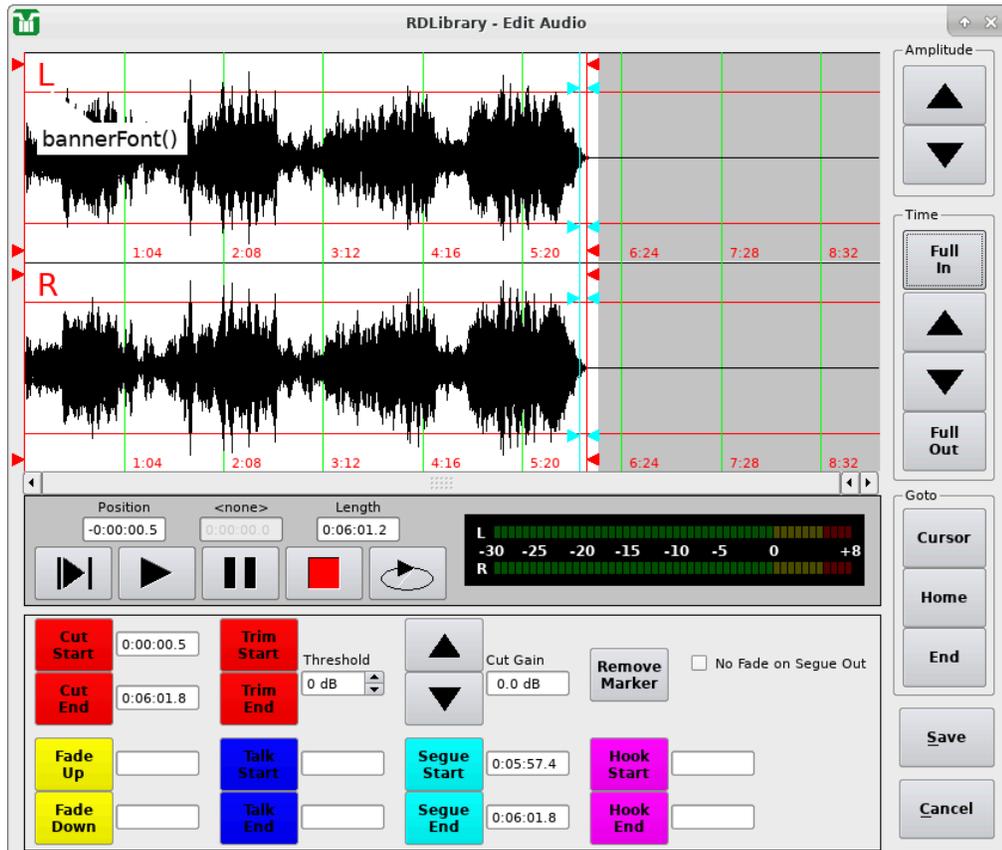
Example of hugeButtonFont ()

RDAdmin - Configure RDAirPlay



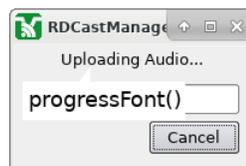
Examples of buttonFont (), subButtonFont (), labelFont (), sectionLabelFont () and subLabelFont ()

RDLibrary - Edit Audio



Example of bannerFont ()

RDCastManager - Uploading Audio



Example of progressFont ()

RDCastManager - List Carts

The screenshot shows a window titled "RDCastManager - Podcast Item List [Feed ID: 22]". It features a search filter, two checkboxes for "Only Show Unexpired Items" and "Only Show Active Items", and a table of podcast items. The table has columns: Title, Start, Expiration, Length, Feed, Category, and Posted By. The first row, "Liberty Tax", is highlighted with a large font for the "Expiration" column. Below the table are buttons for "Post From Cart/Cut", "Post From File", "Post From Log", "Edit", "Delete", and "Close".

Title	Start	Expiration	Length	Feed	Category	Posted By
Liberty Tax	05/21/2020	bigLabelFont()	:15	CARTSLTS	Technology	unknown a
The Peanut Shoppe	05/21/2020 19:14:53	Never	:16	LIBRARY	Technology	unknown a
Thurber Jewelers	05/21/2020 20:31:26	Never	:14	AIRPLAY	Technology	unknown a

Example of bigLabelFont()