

Package: `survo.audio` (via `r-universe`)

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Type Package

Title Sound support for Survo R

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Depends R (>= 2.10), audio

Suggests muste (>= 0.6.10), tcltk, utils

Description Provides sound-API for Survo R.

License GPL-2

NeedsCompilation no

Repository <https://rsund.r-universe.dev>

RemoteUrl <https://github.com/rsund/survor>

RemoteRef HEAD

RemoteSha cb1db9176b6620e5c48576c115fb6501f1451694

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survo.play

Play WAV sample

Description

Provides audio support and default samples for Survo R

Usage

```
survo.play(sound = "default", async = TRUE, timeout = NA)
```

Arguments

sound	Name of default sample or path for WAV-file.
async	Is sample played asynchronously (no wait) or synchronously (wait).
timeout	How long time in seconds the sample will be played, NA=play whole sample.

Details

Path to uncompressed .WAV file will play that file. There are also several samples included with the package in the data `survo.sounds` ([survo.sounds](#)) and those can be used by giving just the name of the sample.

Value

There is no meaningful return value.

Author(s)

Reijo Sund

See Also

[survo.tone](#), [survo.sounds](#), [~~~](#)

Examples

```
## Not run:  
survo.play(sound="GLASS", async=FALSE, timeout=2)  
survo.play("APPLAUSE")  
  
## End(Not run)
```

 survo.sounds

Sounds for Survo R

Description

Default samples for Survo R in audioSample format.

Usage

```
data(survo.sounds)
```

Format

The format is: List of 72 \$ default \$ APPLAUSE \$ bilj \$ biljs \$ CAMERA \$ CARBRAKE \$ CASHREG \$ CHIMES \$ CHK_ERR \$ CLAP \$ Cuculus.canorus \$ DRIVEBY \$ DRUMROLL \$ EXPLODE \$ Fringilla.coelebs \$ GLASS \$ GUNSHOT \$ kahdeks \$ kaksi \$ kmmenen \$ kolme \$ kuusi \$ kymm \$ KYMMENEN \$ LASER \$ miinus \$ milj \$ miljs \$ milrd \$ milrds \$ nelja \$ newalert \$ nolla \$ offspread \$ pilkku \$ plus \$ PROJCTOR \$ PROTECT \$ RICOCHET \$ ringout \$ sata \$ sataa \$ seitsem \$ SM1 \$ SM2 \$ SM3 \$ SM4 \$ SM5 \$ SM6 \$ SM7 \$ SM8 \$ SP1 \$ SP2 \$ SP3 \$ SP4 \$ SP5 \$ SP6 \$ SP7 \$ SP8 \$ SUR_ACT \$ SUR_ML \$ SUR_MR \$ toista \$ tuhat \$ tuhatta \$ TYPE \$ TYPE2 \$ viisi \$ WHOOSH \$ XXX1 \$ yhdeks \$ yksi

Details

Samples in audioSample format (.WAV-files loaded with load.wave()-function from the audio-package).

Source

Samples from the Survo MM distribution.

 survo.tone

Play pure tone

Description

Provides pure tone playing for Survo R

Usage

```
survo.tone(tonefreq=420, duration = 0.2, sampfreq=22050)
```

Arguments

tonefreq	Tone to play in Hz.
duration	Length of tone in seconds.
sampfreq	Sampling frequency to be used.

Details

Plays whole tone synchronously.

Value

There is no return value.

Author(s)

Reijo Sund

See Also

[survo.play](#), ~~~

Examples

```
## Not run:  
survo.tone()  
survo.tone(1500,2,44100)  
  
## End(Not run)
```

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