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Ejemplos de archivos de configuración y Perfiles

Galicaster

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1. Archivos de configuración

1.1. conf-dist.ini

Ubicación del archivo: /usr/share/galicaster

Descripción: Archivo que contiene las configuraciones de conexión al servidor, la configuración de los logs, los plugins y configuración de notificaciones entre otras cosas.

```
[basic]
admin = True
profile = default
stopdialog = True
quit = True
shutdown = False
swapvideos = True

[repository]
foldertemplate = gc_{hostname}_{year}-{month}-{day}T{hour}h{minute}m{second}

[logger]
path = /var/log/galicaster/galicaster.log
level = DEBUG
rotate = False
use_syslog = False

;; Metadata editor configuration
;; Two parameters are available:
;; - blocked: a blank-separated list of metadata fields that will be non-editable by the user
;; - mandatory: a blank-separated list of metadata fields that MUST NOT be blank in order to
;;               apply the changes to the mediapackage
;;
;; Both parameters admit the following values (unquoted):
;; - 'title'
;; - 'presenter' or 'creator'
;; - 'description'
;; - 'language'
;; - 'series', 'ispartof' or 'isPartOf'
;[metadata]

; MATTERHORN COMMUNICATION
[ingest]
active = True
visible_tracks = False
legacy = False ;For MH 1.2 and 1.3 compatibility
manual = immediately ;Possible values: none, immediately, nightly
scheduled = immediately ;Possible values: none, immediately, nightly
host = http://200.1.17.130:8080
username = matterhorn_system_account
password = CHANGE_ME
workflow = full
workflow-parameters = trimHold:true;videoPreview:true
multiple-ingest = False
connect_timeout = 2
timeout = 2

;; MATTERHORN SERIES
;; This section sets allows filtering series shown in the drop down list of the metadata editor.
;; It accepts most of the filter values that Matterhorn endpoint accepts, namely:
;; seriesId, seriesTitle, creator, contributor, publisher, rightsholder, createdfrom,
```



```
;;          createdto, language, license, subject, abstract, description
;; According to Matterhorn documentation, the date-like filters (createdfrom and createdto) must
;; follow the format yyyy-MM-dd'T'HH:mm:ss'Z'
;; In addition to the previous filters, the 'default' keyword accepts a series ID that will appear
;; in the series list, no matter what.
;; The values to the parameters may include placeholders for certain environment variables.
;; The only one supported currently is '{user}', that is substituted with the current user name.
[series]
;default = XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX
;contributor = {user}
; ... etc

[heartbeat]
short = 10
long = 60
night = 00:00

[sidebyside]
layout = sbs ;Side by side layout. Possible values: pip-screen, pip-camera

; OVERLAPPING AND RECORDINGS OPTIONS
[allows]
manual = True
start = False
stop = False
pause = True
overlap = False

; PLUGINS
[plugins]
nocursor = False
noaudiodialog = True
screensaver = False
cleanstale = False
forcedurationrec = False
shortcuts = True
checkrepo = False
rest = False
pushpic = False
setuprecording = False
hidetabs = False
retryingest = False
failovermic = False
notifycrash = False

[screensaver]
inactivity = 120

[cleanstale]
maxarchivaldays = 30
checkoninit = False

[forcedurationrec]
duration = 240

[audio]
min = -76
keep_closed = False

[rest]
host = 0.0.0.0
port = 8080

[notifycrash]
mailuser =
mailpass =
```



```
mailto =
mailsubject =
mailmessage =
smtpserver =
smtpport =

;; check_after is the minimum number of seconds to wait between checking
;; to see that all recordings are successfully ingested.
;; check_published is whether to check that the mediapackage is already published
;; on the matterhorn server and if so, sets the ingest state to succeeded
;; without reingesting.
;; check_nightly will mark the mediapackage as 'nightly' and postpone the ingest.
[retryingest]
check_after = 300
check_published = True
nightly = False

; 'device' is the pulse audio device that will be used to record the failover audio track.
; 'failover_threshold' is the threshold rms amplitude at which the audio will be replaced.
; this number is between -100 and 0
; the galicaster vumeter gives a rough visual indication of this value.
; 'audio_device' if multiple audio sources are used, this number corresponds
; to the audio track to replace. 1 = the first audio track.
[failovermic]
device = default
failover_threshold = -50
audio_device = 1

;; Configuration for the setuprecording plugin.
;; The following keys define the values that will be pre-filled in the metadata editor
;; when the "REC" button is pressed:
;; - title: Sets up the default value for the recording title
;; - presenter or creator: Sets up the default "Presenter" value
;; - description: Sets up the default "Description" value
;; - language: Sets up the default "Language" value
;; - series, ispartof or isPartOf: Sets up the default "Series" id. The ID must exist,
;; otherwise it will be ignored.
;; The following list of "placeholders" may be used in the previous values.
;; - {user}: This string will be substituted by the current Unix login name
;; For instance: "presenter = {user}" will set up the default presenter
;; value to the current user
[setuprecording]

;; UI OPTIONS

;; This is the configuration section for the plugin hidetabs.py
;; The currently available configuration keys are:
;; - hide: A space-separated list of tabs that will be hidden in the record UI
;; Possible values are: 'events', 'recording' and 'status' (unquoted)
;; - default: Name of the tab that will be initially displayed in the UI
;; Possible values are: 'events', 'recording' and 'status' (unquoted)
[hidetabs]

;; OPERATIONS OPTIONS
;; A space-separated list of operations that are to be hidden in the
;; corresponding pop up in the manager UI.
;; The possible values for both parameters are (unquoted):
;; 'ingest', 'exporttozip' and 'sidebyside'
[operations]
;hide = ingest exporttozip sidebyside
;hide_nightly = ingest exporttozip sidebyside

;MEDIA MANAGER APPEARANCE
[color]
classic = false
none = #FFF0AA ;yellow
```



```
nightly = #AEFFAE ; light green
pending = #AEFFAE ; light green
processing = #FFAE00 ; orange
done = #88FF88 ; green
failed = #FFAEAE ; red

[track1]
name = Bars
pattern = 0
caps = video/x-raw-yuv,framerate=25/1,width=640,height=480
color1 = 4294967295
color2 = 4278190080
location = default
file = CAMERA.avi
device = videotest
flavor = presenter
active = True

[track2]
name = Static
device = videotest
location = default
file = SCREEN.avi
flavor = presentation
caps = video/x-raw-yuv,framerate=25/1,width=640,height=480
pattern = 1
color1 = 4294967295
color2 = 4278190080
active = True

[track3]
name = Noise
device = audiotest
location = default
file = sound.mp3
flavor = presenter
pattern = pink-noise
frequency = 440
volume = 0.3
player = True
vumeter = True
amplification = 1.0
active = True
```

1.2. conf.ini

Ubicación: /etc/galicaster

Descripción: Archivo de configuración inicial con el cual inicia Galicaster. En archivo se agregan los parámetros de inicio del programa (Perfil de captura por defecto, confirmación al salir, etc).

```
[basic]
admin = True
quit = True
profile = Screen-Cam-Mixer
```

2. Ejemplos de archivos de perfiles



Estos archivos incluyen los perfiles de captura, que le indican a Galicaster donde se encuentran los dispositivos y en que formato los debe guardar. Cada dispositivo está separado por lo que se llama “track” y por su categoría (presenter o presentation), entre otras opciones.

Todos los perfiles se guardan en: **/etc/galicaster/profiles**

Nota: Usted puede colocar cualquier nombre a estos archivos, solo deben cumplir con tener la extensión “.ini”

2.1. Ejemplo capture.ini

Descripción: Perfil que sólo captura la presentación desde la tarjeta Datapath Vision y desde la entrada de línea de la tarjeta de audio.

```
[data]
name = Screen-Capture

[track1]
name = Slides
device = datapath
location = /dev/screen
file = SCREEN.avi
flavor = presentation
caps = video/x-raw-yuv,framerate=30/1,width=1920,height=1080

[track2]
name = AudioSource
device = pulse
location = alsa_input.pci-0000_00_1b.0.analog-stereo
file = sound.mp3
flavor = presentation
vumeter = True
player = True
amplification = 1.0
```

2.2. Ejemplo lecture.ini

Descripción: Perfil que permite la captura tanto del presentador con la cámara, como al mismo tiempo de la presentación a través de la tarjeta capturadora Datapath y el audio por la entrada de línea del computador.

```
[data]
name = Screen-Cam-Mixer

[track1]
name = Webcam
device = v4l2
location = /dev/camera
file = WEBCAM.avi
flavor = presenter
caps = image/jpeg,framerate=24/1,width=1280,height=720

[track2]
name = AudioSource
device = pulse
location = alsa_input.pci-0000_00_1b.0.analog-stereo
file = sound.mp3
```



```
flavor = presenter
vumeter = True
player = True
amplification = 1.0

[track3]
name = Slides
device = datapath
location = /dev/screen
file = SCREEN.avi
flavor = presentation
caps = video/x-raw-yuv,framerate=30/1,width=1920,height=1080
```

2.3. Ejemplo webcam.ini

Descripción: Perfil que sólo captura por la cámara. Es igual a “lecture.ini”, pero sin la pista de la capturadora de presentaciones.

```
[data]
name = Webcam-Mixer

[track1]
name = Webcam
device = v4l2
location = /dev/camera
file = WEBCAM.avi
flavor = presenter
caps = image/jpeg,framerate=24/1,width=1280,height=720

[track2]
name = AudioSource
device = pulse
location = alsa_input.pci-0000_00_1b.0.analog-stereo
file = sound.mp3
flavor = presenter
vumeter = True
player = True
amplification = 1.0
```