Channel

class pyflp.channel.**Channel** [source]

Represents a channel in the channel rack.

color: RGBA | **None**

Defaults to #5C656A (granite gray).

Values below 20 for any color component (R, G or B) are ignored by FL.

property display_name: **str** | **None**

The name of the channel that will be displayed in FL Studio.

enabled: **bool** | **None**

//bit.ly/3sbN8KU)

TYPE:

![](https

property group: **DisplayGroup**

Display group / filter under which this channel is grouped.

icon: **int** | **None**

Internal ID of the icon shown beside the `display_name`.

iid: **int** | **None**

Properties bound directly to one of fixed size or string events.

internal_name: **str** | **None**

Internal name of the channel.

The value of this depends on the type of `plugin`:

- Native (stock) plugin: Empty *afaik*.
- VST instruments: "Fruity Wrapper".

> **See also**
>
> `name`

keyboard: **Keyboard**

Located at the bottom of Miscellaneous functions (page).

locked: **bool** | **None**

Whether in a locked state or not; mute / solo acts differently when `True`.

name: `str` | `None`   ↑ Back to top

The name associated with a channel.

It's value depends on the type of plugin:

- Native (stock): User-given name, None if not given one.
- VST instrument: The name obtained from the VST or the user-given name.

> **See also**
>
> `internal_name` and `display_name`.

property `pan`: `int` | `None`

Linear. Bipolar.

Min	Max	Default
0	12800	6400

property `volume`: `int` | `None`

Nonlinear.

Min	Max	Default
0	12800	10000

property `zipped`: `bool`

Whether the channel is zipped / minimized.

Enums

class pyflp.channel.**ChannelType**   [source]

An internal marker used to indicate the type of a channel.

Automation = 5

Instrument = 4

Layer = 3

Native = 2

Used by audio clips and other native FL Studio synths.

Sampler = 0

Used exclusively for the inbuilt Sampler.

class pyflp.channel.**ChannelID** [source]

IsEnabled = 0

_VolByte = 2

_PanByte = 3

Zipped = 15

PingPongLoop = 20

Type = 21

RoutedTo = 22

IsLocked = 32

> FL STUDIO   12.3+

New = 64

FreqTilt = 69

FXFlags = 70

Cutoff = 71

_VolWord = 72

[source]

_PanWord = 73

Preamp = 74

FL STUDIO   1.2.12+

FadeOut = 75

FL STUDIO   1.7.6+

FadeIn = 76

Resonance = 83

StereoDelay = 85

FL STUDIO   1.3.56+

Pogo = 86

TimeShift = 89

Children = 94

FL STUDIO   3.4.0+

Swing = 97

RingMod = 131

CutGroup = 132

RootNote = 135

DelayModXY = 138

Reverb = 139

FL STUDIO   1.4.0+

_StretchTime = 140

FL STUDIO   5.0+

FineTune = 142

SamplerFlags = 143

LayerFlags = 144

GroupNum = 145

AUSampleRate = 153

_Name = 192

SamplePath = 196

Delay = 209

Parameters = 215

EnvelopeLFO = 218

Levels = 219

Polyphony = 221

Tracking = 228

LevelAdjusts = 229

Automation = 234