

SUPPLEMENTARY MATERIAL

The NASA collection on Twitch – Twitch API information

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Appendix A

Twitch API entities and metrics

LEVEL	METRIC	TYPE	ENDPOINT
Channel	Broadcaster name	Text	Get channel information
Channel	Broadcaster type (affiliate, partner, normal)	List	Get Users
Channel	Category	List	Get channel information
Channel	Channel description	Text	Get Users
Channel	Current/Last stream title	Text	Get channel information
Channel	Date of channel creation	Date	Get Users
Channel	Date of goal creation	Date	Get Creator Goals
Channel	Editor name	Text	Get channel editors
Channel	Editor's creation date	Date	Get channel editors
Channel	Goal current amount	Metric	Get Creator Goals
Channel	Goal description	Text	Get Creator Goals
Channel	Goal target amount	Metric	Get Creator Goals
Channel	Goal type (follower, subscription, subscription count, new subscription, new subscription goal)	List	Get Creator Goals
Channel	Is live	Boolean	Search Channels
Channel	Language	Category	Get channel information
Channel	Number of active goals created	* Metric	Get Creator Goals
Channel	Number of active extensions installed	* Metric	Get User Active Extensions
Channel	Number of extensions installed	* Metric	Get User Extensions
Channel	Number of banned users (total; per reason)	* Metric	Get Banned Users
Channel	Number of channel points predictions created	* Metric	Get Predictions
Channel	Number of chat badges set	* Metric	Get Channel Chat Badges
Channel	Number of chatters	Metric	Get Chatters
Channel	Number of cheermotes available	* Metric	Get cheermotes
Channel	Number of emotes	* Metric	Get Channel Chat Badges

Channel	Number of followers	Metric	Get Users Follows
Channel	Number of hype train events (last 5 days)	* Metric	Get Hype Train Events
Channel	Number of moderators	* Metric	Get Moderators
Channel	Number of polls created	* Metric	Get Polls
Channel	Number of ranked users that cheered bits	Metric	Get Bits leaderboard
Channel	Number of rewards created	* Metric	Get custom reward
Channel	Number of subscribers	Metric	Get Broadcaster Subscriptions
Channel	Number of teams that the broadcaster is member of	Metric	Get Channel Teams
Channel	Number of terms blocked	* Metric	Get Blocked Terms
Channel	Number of users blocked	* Metric	Get User Block List
Channel	Number of users that are editors	Metric	
Channel	Number of videos	* Metric	Get Videos
Channel	Number of VIP users	* Metric	Get VIPs
Channel	Tags	List	Get channel information
Channel	The current number of subscriber points earned	Metric	Get Broadcaster Subscriptions
Charity Campaign	Current monetary amount of donations that the campaign has received	Metric	Get Charity Campaign
Charity Campaign	Description	Text	Get Charity Campaign
Charity Campaign	Name	Text	Get Charity Campaign
Charity Campaign	Website	Text	Get Charity Campaign
Charity Campaign	Target value	Metric	Get Charity Campaign
Chat	Aggression level	Metric	Get AutoMod Settings
Chat	Broadcaster name	Text	Get Chat Settings
Chat	Bullying level	Metric	Get AutoMod Settings
Chat	Disability level	Metric	Get AutoMod Settings
Chat	Emote mode	Boolean	Get Chat Settings
Chat	Follower mode	Boolean	Get Chat Settings
Chat	Gender level	Metric	Get AutoMod Settings
Chat	Misogyny level	Metric	Get AutoMod Settings
Chat	Moderator name	Text	Get Chat Settings

Chat	Racial discrimination level	Metric	Get AutoMod Settings
Chat	Sexual content level	Metric	Get AutoMod Settings
Chat	Slow mode	Boolean	Get Chat Settings
Chat	Subscriber mode	Boolean	Get Chat Settings
Chat	Swearing level	Metric	Get AutoMod Settings
Chat	Unique chat mode	Boolean	Get Chat Settings
Cheermotes	Can Cheer	Boolean	Get cheermotes
Cheermotes	Is charitable	Boolean	Get cheermotes
Cheermotes	Minimum number of bits that a user must cheer at this tier level	Metric	Get cheermotes
Cheermotes	Number of tier levels supported	* Metric	Get cheermotes
Cheermotes	Order	Metric	Get cheermotes
Cheermotes	Tier level supported	Text	Get cheermotes
Cheermotes	Type (global first-party, global third party, custom, sponsored)	List	Get cheermotes
Clip	Broadcaster name	Text	Get Clips
Clip	Creator (user) name	Text	Get Clips
Clip	Date of creation	Date	Get Clips
Clip	Duration	Metric	Get Clips
Clip	Game (Category)	List	Get Clips
Clip	Language	List	Get Clips
Clip	Title	Text	Get Clips
Clip	URL	Text	Get Clips
Clip	Video id (el video de donde procede el clip)	ID	Get Clips
Clip	View count	Metric	Get Clips
Emote sets	Emote set owner	Text	Get Emote Sets
Emote sets	Number of emotes included in the set	* Metric	Get Emote Sets
Emotes	Emote format (animated, static)	List	Get Channel Emotes
Emotes	Emote name	Text	Get Channel Emotes
Emotes	Emote scale (small, medium, large)	List	Get Channel Emotes
Emotes	Emote subscriber tier	List	Get Channel Emotes

Emotes	Mode (light, dark)	List	Get Channel Emotes
Emotes	Type (bitstier, follower, subscriptions)	List	Get Channel Emotes
Entitlement	Category	List	Get Entitlement
Entitlement	Status (claimed, fulfilled)	List	Get Entitlement
Entitlement	User granted	Text	Get Entitlement
Event (Hype train)	Event type (bits, subs, other)	List	Get Hype Train Events
Event (Hype train)	Event date	Date	Get Hype Train Events
Event (Hype train)	Broadcaster name (channel)	Text	Get Hype Train Events
Event (Hype train)	Goal (The value needed to reach the next level)	Metric	Get Hype Train Events
Event (Hype train)	Last contribution amount	Metric	Get Hype Train Events
Event (Hype train)	Top contributor amount	Metric	Get Hype Train Events
Event (Hype train)	Last contribution type (bits, subs, other)	List	Get Hype Train Events
Event (Hype train)	Top contribution type (bits, subs, other)	List	Get Hype Train Events
Event (Hype train)	User Last that contributed	Text	Get Hype Train Events
Event (Hype train)	User Top that contributed	Text	Get Hype Train Events
Event (Hype train)	Highest level	Metric	Get Hype Train Events
Event (Hype train)	Total amount (User)	Metric	Get Hype Train Events
Event (Subscription)	Cost (The amount that the subscription counts against your limit)	Metric	Get EventSub Subscriptions
Event (Subscription)	Date of creation	Date	Get EventSub Subscriptions
Event (Subscription)	Status (15 categories)	List	Get EventSub Subscriptions
Event (Subscription)	Type (43 categories)	List	Get EventSub Subscriptions
Extension	Amount exchanged in an extension	Metric	Get extension transactions
Extension	Bits enabled	Boolean	Get Extensions
Extension	Chat support	Boolean	Get Extensions
Extension	Description	Text	Get Extensions
Extension	Extension name	Name	Get User Extensions

Extension	Extension type (component, mobile, overlay, panel)	List	Get User Extensions
Extension	In development	Boolean	Get extension transactions
Extension	Location (hosted, custom, none))	List	Get Extensions
Extension	Name	Text	Get Extensions
Extension	Number of broadcasters that are streaming live and have installed or activated the extension	* Metric	Get Extension Live Channels
Extension	Number of extension's list of shared secrets	* Metric	Get Extension Secrets
Extension	Number of products that belong to the extension	* Metric	Get Extension Bits Products
Extension	State (approved, AssetsUploaded, deleted, deprecated, In review, in test, Pending action, rejected, released)	List	Get Extensions
Extension	Subscription support (none, optional)	List	Get Extensions
Extension	Type (bits)	List	Get extension transactions
Extension	User (who owns the extension)	Text	Get Extensions
Extension	Version	Text	Get User Extensions
Extension	View summary (brief description)	Text	Get Extensions
Game (category)	Name	Text	Get Games
Game (category)	Number of entitlements granted to users from a game	* Metric	Get Drops Entitlements
Game (category)	Number of videos in a game	* Metric	Get Videos
Playlist	Id	ID	Get Soundtrack Playlists
Playlist	Description	Text	Get Soundtrack Playlists
Playlist	Title	Text	Get Soundtrack Playlists
Poll	Broadcaster name	Text	Get Polls
Poll	Channel points votes	Metric	Get Polls
Poll	Choice votes	Metric	Get Polls
Poll	Duration	Metric	Get Polls
Poll	Status (active, completed, terminated, archived, moderated, invalid)	List	Get Polls
Poll	Title	Text	Get Polls
Poll	Title choice	Text	Get Polls
Prediction	Broadcaster name	Text	Get Predictions

Prediction	ID	ID	Get Predictions
Prediction	Outcome title	Text	Get Predictions
Prediction	Prediction window (duration)	Metric	Get Predictions
Prediction	Status (active, cancelled, locked, resolved)	List	Get Predictions
Prediction	The number of Channel Points spent by viewers on this outcome	Metric	Get Predictions
Prediction	The number of Channel Points the viewer spent	Metric	Get Predictions
Prediction	The number of unique viewers that chose this outcome	Metric	Get Predictions
Prediction	Title (The question that the prediction asks.)	Text	Get Predictions
Prediction	Top predictor user name	Text	Get Predictions
Redemption	Broadcaster that owns the custom reward)	Text	Get Custom Reward Redemption
Redemption	Code Status (Already claimed, expired, inactive, incorrect format, internal error, not found, unused, user not eligible)	List	Get Code Status
Redemption	Date when the reward was redeemed	Date	Get Custom Reward Redemption
Redemption	Name of the user that redeemed the reward	Text	Get Custom Reward Redemption
Redemption	Status (Cancelled, fulfilled, unfulfilled)	List	Get Custom Reward Redemption
Reward	In stock	Boolean	Get custom reward
Reward	Is enabled	Boolean	Get custom reward
Reward	Number of redemptions redeemed during the current live stream	Metric	Get custom reward
Reward	Reward Title	Text	Get custom reward
Reward	The cost of the reward in Channel Points	Metric	Get custom reward
Segment	Broadcaster name	Text	Get Extension Configuration Segment
Segment	Content	Text	Get Extension Configuration Segment
Segment	Segment id	ID	Get Extension Configuration Segment
Segment	Type (broadcaster, developer, global)	List	Get Extension Configuration Segment
Segment	Version	Text	Get Extension Configuration Segment
Stream	Broadcaster name	Text	Get Streams
Stream	Game name	List	Get Streams
Stream	Is Mature	Boolean	Get Streams
Stream	Language	List	Get Streams
Stream	Stream type (live)	List	Get Streams

Stream	Tags	List	Get Streams
Stream	Title	Text	Get Streams
Stream	Viewer count	Metric	Get Streams
Subscription	Broadcaster name	Text	Get Broadcaster Subscriptions
Subscription	Gifter name	Text	Get Broadcaster Subscriptions
Subscription	Is gift	Boolean	Get Broadcaster Subscriptions
Subscription	Subscription name	Text	Get Broadcaster Subscriptions
Subscription	Tier	List	Get Broadcaster Subscriptions
Subscription	User name	Text	Get Broadcaster Subscriptions
Team	Date of creation	Date	Get Channel Teams
Team	Name	Text	Get Channel Teams
Team	Number of team members	* Metric	Get Teams
Team	Team description	Text	Get Channel Teams
Track	Album	Text	Get Soundtrack Playlist
Track	Artist	Text	Get Soundtrack Playlist
Track	Duration	Metric	Get Soundtrack Playlist
Track	Name	Text	Get Soundtrack Playlist
Transaction	Broadcaster name	Text	Get extension transactions
Transaction	Product type (bits in extension)	List	Get extension transactions
Transaction	User that purchased the digital product	Text	Get extension transactions
User	Can cheer	Boolean	Get cheermotes
User	Name	Text	Get Users
User	Number of bits cheered by the user to one specific channel	Metric	Get Bits leaderboard
User	Number of entitlements granted to a user	* Metric	Get Drops Entitlements
User	Number of redemptions owned by a user	* Metric	Get Code Status
User	Number of users followed	Metric	Get Users Follows
User	Subscription total cost	Metric	Get EventSub Subscriptions
User	The maximum total cost that a user is allowed to incur for all subscriptions that created	Metric	Get EventSub Subscriptions
User	The user's rank on a leaderboard	Metric	Get Bits leaderboard

User	The amount of money that the user donated	Metric	Get Charity Campaign Donations
User	User type (admin, global mod, staff, normal user)	List	Get Users
Video	Broadcaster name	Text	Get Videos
Video	Stream that originated the video	ID	Get Videos
Video	Title	Text	Get Videos
Video	Description	Text	Get Videos
Video	Date of creation	Date	Get Videos
Video	Date of publication	Date	Get Videos
Video	URL	Text	Get Videos
Video	View count	Metric	Get Videos
Video	Language	List	Get Videos
Video	Type (archive, highlight, uploaded)	List	Get Videos
Video	Duration	Metric	Get Videos