Strive SAMMI documentation

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You must install the Strive x SAMMI extension for this to work. Instructions here: <>

For general instructions on how to get webhook data into SAMMI buttons, please see Krackatoa’s fine guide for GGXrd: <https://docs.google.com/document/d/1fFRs7567tCdn9gGu_4iLQM8tAB07vP8aDQeLaWrbqUg/edit>. This document will only go over the various events my mod will send and what data they contain.

For non-SAMMI connections, connect to “ws://localhost:6615”.

The port and IP that the mod binds to are configurable. The file is in the same directory as Strive’s main exe.

Important note: In order to prevent cheating, a universal 334ms delay has been added to the mod. You can compensate for this in OBS by adding a render delay to your game capture and audio sources. We appreciate your understanding.

State update:

Abstract: collects the state of the game and players, run every ~16 ms.

Trigger name: ggst\_stateUpdate

Fields: (indentation implies a “.”, so the tree looks like webhook.data.eventInfo.<>)

* webhook (incoming variable)
  + data
    - eventInfo
      * p1/p2 (both exist and have identical fields)
        + action: the current BBScript state name
        + health: current player health as number from 0 to 420 (unknown if incl. guts)
        + burst: amount of burst gauge, 0-1000
        + risc: amount of RISC gauge, 0-12800
        + tension: amount of tension/meter, 0-10000
        + dangerBalance: value that indicates how close a player is to triggering danger state, unknown values/threshholds
        + charaName: 3 letter name of the character
        + invuln

strikeInvuln: Boolean number, 1 is yes, 0 is no

throwInvuln: same but for throws

absInvuln: same but for everything

* + - * + inputs:

up, down, left, right, p, k, s, h, d, taunt, dash, RC, replay, record, reset, FD: all are numerical Booleans like cancels. 1=on, 0=off.

* + - * roundTimeLeft: time left in the given round, TBD
      * roundTimeLimit: total initial time in the round, TBD
      * frameCount: the number of frames since the beginning of the round

Round Start:

Abstract: fires once on the beginning of any round/game

Trigger name: ggst\_roundStartEvent

Fields: contains no data. Resets the frame count

Round End:

Abstract: fires once when the round ends

Trigger name: ggst\_roundEndEvent

Fields:

* webhook
  + data
    - eventInfo
      * type: type of round end. One of “Player1”, “Player2”, or “Draw”
      * cause: what caused the round end, either “TimeOut”, or “KO”
      * frameCount: the number of frames since the beginning of the round

Hit Event:

Abstract: fires whenever either player lands a hit (or attempts to maybe? There’s some filtering)

Trigger name: ggst\_hitEvent

Note: the damage related fields don’t update for grabs or supers that deal damage without using hitboxes.

Fields:

* webhook.data.eventInfo
  + hitType: the type of hit performed: normal, special or overdrive
  + chSize: the size of the counterhit, if there is one. One of: normal, small, medium, large, or RISC
    - NOTE: this only works with real counterhits, simply turning on CH in training mode isn’t enough unfortunately
  + guardType: how the attack can be blocked. One of: all, high, low, or none
  + attackLevel: the level of the attack, 1-5
  + damage: the damage the attack dealt to the other player. This is the scaled damage that should corroborate with the defender’s health difference.
  + comboCount: the current combo count
  + comboDamage: the total (scaled) damage this combo has done.
  + attacker: who is doing the attacking, either “Player1” or “Player2”
  + defender: who is getting hit, same values
  + attackerAction: the BBScript state name of the attack that’s happening
  + defenderAction: the BBS state of the hitstun
  + defenderPrevAction: the BBScript state of the defender before the current one
  + wallHealth: the current health of the wall. Decreasing number where 0=wallbreak
  + cancels:
    - gatlingCancel, sequenceCancel, specialCancel, hitSpecialCancel, jumpCancel, hitJumpCancel, dashCancel, hitDashCancel, airDashCancel: all are the same Boolean numbers as the invuln types
  + frameCount: the number of frames since the beginning of the round

Input Event:

Abstract: fires every frame with representations of both player’s inputs

Note: probably will be stripped out of public builds

Fields:

* webhook.data.eventInfo
  + p1/2 (both exist and contain identical info
    - up, down, left, right, p, k, s, h, d, taunt, dash, RC, replay, record, reset, FD: all are numerical Booleans like cancels. 1=on, 0=off.

PLANNED STUFF NOT IMPLEMENTED:

Object Created Event:

Abstract: fired when a new object like a projectile is created

Trigger name: ggst\_objectCreatedEvent

Fields:

* webhook.data.eventinfo
  + objName: the name of the object just created
  + parent: the parent of this object. One of “player1”, “player2”, or “projectile”
  + p1/p2Action: the BBS state of both players at the time
  + frameCount: the number of frames since the beginning of the round