API Specification

# Events

Require

var events\_ = require(‘events’);

Create Emitter

var emitter = events\_.emitter(name\_space);

name\_space:

The name space of the event must be well known and must conform to a known set of events. The following table lists the name spaces:

Emit Event

emitter.emit(\_\_event);

\_\_event:

The specific event to be emitted. In the global event name space, the actual event emitted will be ‘name\_space:event’. The events should be fixed and well known, since other modules will rely on these published events to do their work.

| Name Spaces for Events |  |
| --- | --- |
| ‘framework:layout’ | All events related to layout changes |
| ‘framework:attendees' | All events related to participants |
| ‘av:connection’ | All events by the AV module, related to connection states |
| ‘av:qos' | All events by the AV module, related to the QoS situation |

For example, an attendance plugin would use the events in the namespace ‘framework:attendees’ to keep track of the attendance. Or a signal indicator plugin could use the namespace ‘av.qos’ to keep track of the audio video quality.

A list of well known events is listed at the end of this section.

Bind to Event

events\_.bind(namespace, callback, binder);

namespace:

The binding is done on a namespace, so that all events raised in that namespace will trigger the callback.

callback:

The signature of the callback would be as follows:

function callback (event, data) {}

binder:

A string indicating the module which is binding to the event name space. Primarily used for debugging.

# Events

The following lists the well known events, per namespace, per module.

|  |  |
| --- | --- |
| Framework | **framework.layout** |
| default |  |
| av-fullscreen | Full screen AV with primary & secondary videos. |
| av-fullscreen-pri | Full screen AV with only primary video |
| av-tiled | Full screen AV with tiled (surveillance like) mode |
| work-fullscreen | Full screen whiteboard |
| work-fullscreen-av-inset | Full screen whiteboard with AV (primary only) showing as inset in a corner |

|  |  |
| --- | --- |
| Framework | **framework.attendees** |
| in | New attendee (the accompanying data needs to be defined) |
| out | Attendee left the session (data needs to be defined) |

|  |  |
| --- | --- |
| Audio-Video | **av.connection** |
| connected | AV connected to server |
| disconnected | AV disconnected from server |

|  |  |
| --- | --- |
| AV QoS anouncement | **av.qos** |
| update | QoS params update (data needs to be defined) |