# GTFS-RT on Websocket

## Joshua Wong

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#### Abstract

### 1 GTFS-RT Fields

```
{\bf FeedMessage}
  FeedHeader
   Incrementality
  FeedEntity
   TripUpdate
      TripDescriptor
       ScheduleRelationship
      VehicleDescriptor
        WheelchairAccessible
     StopTimeUpdate
       StopTimeEvent
       {\bf Schedule Relationship}
       StopTimeProperties
   TripProperties
  VehiclePosition
   TripDescriptor
      ScheduleRelationship
      VehicleDescriptor
       WheelchairAccessible
      Position
      VehicleStopStatus
      CongestionLevel
      OccupancyStatus
      CarriageDetails
  Alert
   TimeRange
   EntitySelector
      TripDescriptor
       ScheduleRelationship
   Cause
   Effect
   TranslatedString
      Translation
```

## ${\bf Severity Level}$

```
pub struct UserFeed {
    feeds: Vec<FeedMessage>,
}
println!("{:?}", FeedMessage);
```