

Topcoder Event Bus

- Event payloads
 - **Format:** JSON
 - **Structure:**
 - {
 "topic": "string",
 "originator": "string",
 "timestamp": "ISO 8601 timestamp",
 "mime-type": "string",
 "payload": "object"
 }
 - **Topic Structure:**
 - "domain"."type"."operation"
 - domains
 - connect
 - challenge
 - user
 - project
 - types
 - notification
 - debug
 - error
 - action
 - operation
 - ad hoc by service domain
 - **Originator Structure:**
 - Name of service, preferably reflecting the AWS/host service name and/or git repository name. Goal is to be consistent to identify source code that originates the event
 - **Examples:**

```
{
  "topic": "connect.notification.project.topic.created",
  "originator": "tc-project-api",
  "timestamp": "2018-02-14T00:00:00",
  "mime-type": "application/json",
  "payload": {
    "topicId": "20668",
    "postId": 71828,
    "postContent": "Hi Eduardo, The submission phase for this challenge is over",
    "userId": 23200120,
    "projectId": "3600",
    "initiatorUserId": 23200120
  }
}
```

```
{
  "topic": "challenge.notification.create",
  "originator": "ap-challenge-api",
  "timestamp": "2018-02-16T00:00:00",
  "mime-type": "application/json",
  "payload": {
    "challenge": {
      "id": "3001010",
      "name": "CWD's Bestest Challenge Evar"
    }
  }
}
```

```
{
  "topic": "forum.notification.post",
  "originator": "tc-message-api",
  "timestamp": "2018-02-14T00:00:00",
  "mime-type": "application/json",
  "payload": {
    "project": {
      "id": "3001010",
      "post": "Where are my pants?"
    }
  }
}
```

Below this line is scratchpaper / unfinished

Track Your Events Here

Originator	Topic	Purpose	Mime-type	Example message	Notes