Actor Rating and Statistics REST API Specification 1.0

1 Introduction
1.1 Purpose and Scope

This document is the specification of the REST API version 1.0 for the Actor Rating and Statistic component of the O2 Duo product. The component provides tracking and analysis functionalities of actor activity in the Actor's Access system. This includes:

- Actor Activity Data Capture – supports interactive data capture and validation guidance.

- Actor Activity Data Collection - identifies actor dependency, binds the actor to its agent and/or casting director to the related activity update.

- Actor Activity Validation - may validate the actor activity request based on project, activity type, activity date and so on.

- Actor Activity Update Availability.

Actor Rating and Statistics also updates the existing records to remove or modify. In this case, it revises existing record by creating a new record based on information from the new actor request.

1.2 Audiences

The target groups for this document are as follows:

- Application Developers

- System Integrators

- System test team

1.3 Assumptions

- The character set used in Actor Rating and Statistics REST API will be the UTF-8.

- All Time and Date data types as represented by string will be UTC Time with format: - YYYY-MM-DDThh:mm:ssZ e.g: 2014-02-13T16:30:00Z

2 Actor Rating and Statistics REST API

2.1 Interface overview

2.1.1   General URI structure

Actor Rating and Statistics REST API has the following URI structure for requests:

Resource URI:	{api_root}/{resourcePath}
in which {api_root}:	{server}/{product}
and {resourcePath}	{resource}={id}
{server}:	This value is the "http:\\<address>:[<port>]" of the server where the API implementation resides. Example: "http:\\10.11.7.12:8080". If port is not specified, default ports for the applications are assumed.
{product}:	The name of product or web container. For example, "o2duo".
{resource}:	A resource associated with an Actor Rating and Statistics managed entity like rating, statistics, performance, etc.
{id}:	An ID to uniquely identify an instance of the resource. When omitted in a GET request, no instances of the resource will be returned.
Example:	http://10.11.7.12:8080/o2duo/actor?lastName=Smith

2.1.2   Content-Type

The content type of Actor Rating and Statistics REST API interface is application/JSON.

2.1.3   Response Codes

To be consistent with convention, Actor Rating and Statistics REST API will use the standard HTTP status/error code where it matches the situation.

When an error happens, the response body will contain error information in JSON representation.

2.2 Resources

This section describes the details of all Actor Rating and Statistics REST API resources.

2.2.1   Request / Response: GET {api_root}/ actors

This operation supports searching for existing activity records of all actors.

RESPONSE
200

```
Content-Type: application/json

[ {
"id": 1,
      "actorId": 55555555,
      "actorFirstName": "Michael",
      "actorLastName": "Brown",
      "actorEmail": "Michael.Brown@yahoo.com",
      "type": "Audition",
      "project": "Rose Town",
      "role": "John",
      "activityDate": "2021-06-26T16:00:00.000+00:00",
      "creationDate": "2021-07-29T17:50:07.000+00:00",
      "days": 0,
      "actorAgentEmail": "bestagent@gmail.com",
      "actorAgentName": "Best Agent"

},
{
"id": 2,
      "actorId": 55555555,
      "actorFirstName": "Michael",
      "actorLastName": "Brown",
      "actorEmail": "Michael.Brown@yahoo.com",
      "type": "Recall",
      "project": "Rose Town",
      "role": "John",
      "activityDate": "2021-06-26T16:00:00.000+00:00",
      "creationDate": "2021-07-29T17:50:07.000+00:00",
      "days": 0,
      "actorAgentEmail": "bestagent@gmail.com",
      "actorAgentName": "Best Agent"
}]
```

2.2.2   Request / Response: GET {api_root}/ actor/{actorId}

This operation gets details of actor's activities by actor Id.

RESPONSE
200

```
Content-Type: application/json

[ {
        "id": 1,
        "actorId": 55555555,
        "actorFirstName": "Michael",
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@yahoo.com",
        "type": "Audition",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-06-26T16:00:00.000+00:00",
        "creationDate": "2021-07-29T17:50:07.000+00:00",
        "days": 0,
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"

},
{
        "id": 2,
        "actorId": 55555555,
        "actorFirstName": "Michael",
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@yahoo.com",
        "type": "Recall",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-06-26T16:00:00.000+00:00",
        "creationDate": "2021-07-29T17:50:07.000+00:00",
        "days": 0,
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"
}]
```

2.2.3   Request / Response: GET {api_root}/ actor?lastName=Brown

This operation gets details of actor's activities by actor's last name.

RESPONSE
200

```
Content-Type: application/json

[ {
"id": 1,
        "actorId": 55555555,
        "actorFirstName": "Michael",
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@yahoo.com",
        "type": "Audition",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-06-26T16:00:00.000+00:00",
        "creationDate": "2021-07-29T17:50:07.000+00:00",
        "days": 0,
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"

},
{
"id": 2,
        "actorId": 55555555,
        "actorFirstName": "Michael",
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@yahoo.com",
        "type": "Recall",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-06-26T16:00:00.000+00:00",
        "creationDate": "2021-07-29T17:50:07.000+00:00",
        "days": 0,
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"
}]
```

2.2.4   Request / Response: POST {api_root}/ actor

This operation creates a record of actor's activity.

REQUEST

```
Content-Type: application/json

{
        "actorId": 55555555,
        "actorFirstName": "Michael",
```

```
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@yahoo.com",
        "type": "Booking",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-06-26T16:00:00.000+00:00",
        "creationDate": "2021-05-29T17:50:07.000+00:00",
        "days": 0,
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"
    }
```

RESPONSE

201

```
Content-Type: application/json
```

2.2.5   Request / Response: PUT {api_root}/ actor

This operation updates an existing record of actor's activity.

REQUEST

```
Content-Type: application/json
```

```
{
        "id": 3,
        "actorId": 55555555,
        "actorFirstName": "Michael",
        "actorLastName": "Brown",
        "actorEmail": "Michael.Brown@gmail.com",
        "type": "Booking",
        "project": "Rose Town",
        "role": "John",
        "activityDate": "2021-01-15T16:00:00.000+00:00",
        "creationDate": "2021-07-18T17:18:40.000+00:00",
        "days": 1
        "actorAgentEmail": "bestagent@gmail.com",
        "actorAgentName": "Best Agent"
}
```

RESPONSE

201

```
Content-Type: application/json
```

2.2.6   Request / Response: DELETE {api_root}/ actor/{id}

This operation deletes an existing record of actor's activity.

RESPONSE

204