APIs & Integration

John Hathaway
Bibhas Sarkar

08/28/2024

Presented by

ABS WAVESIGHT™

GET ON THE LEADERBOARD!

REMINDER: You can earn points during this session! Submit your questions, answer polls and leave feedback on this presentation through the NSUC24 mobile app.

The more you use the app, the more points you earn. Winners will be announced daily.

24TH ANNUAL GLOBAL NAUTICAL SYSTEMS USER CONFERENCE

ABS WAVESIGHT™

John Hathaway

Director, Product Management

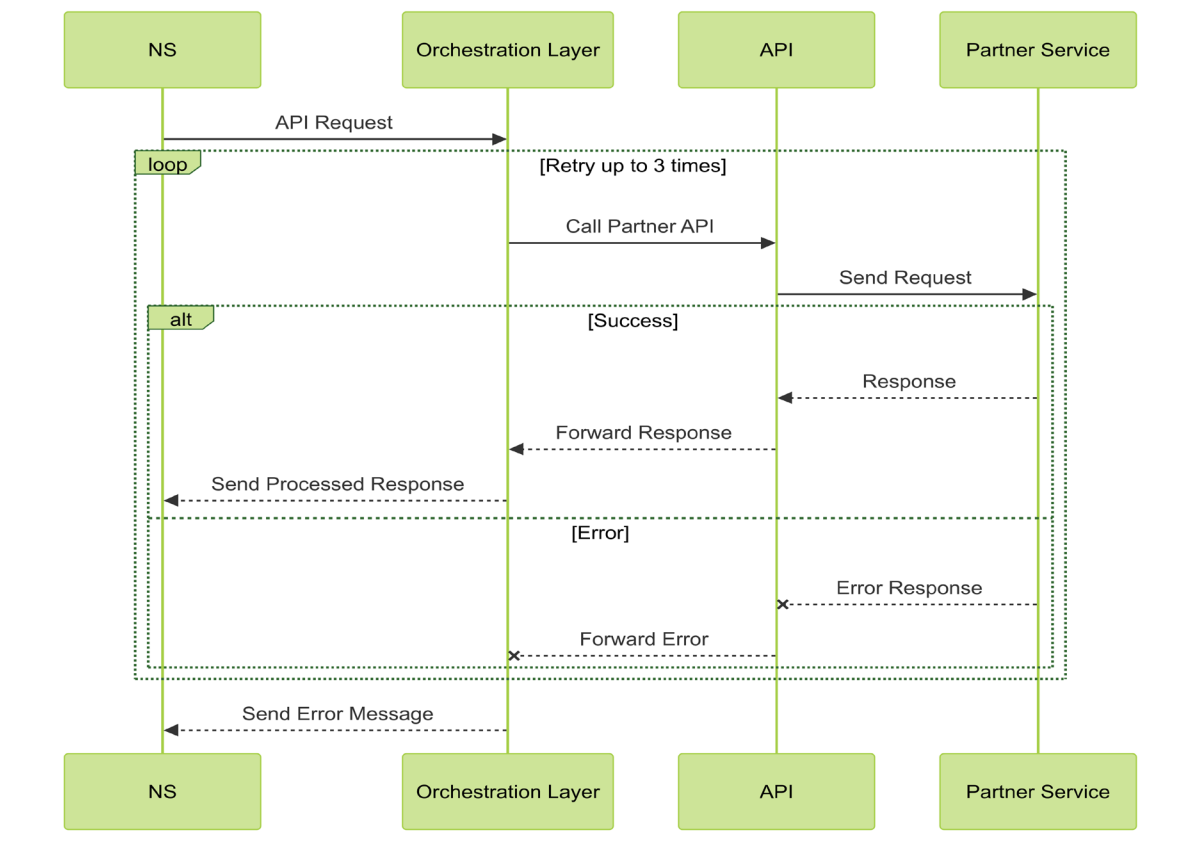
I joined ABS in 2007 from an NS customer to shape the direction of our products. Product is my passion – continuously improving our fleet management suite to solve key business needs of our customers.

Bibhas Sarkar

Director, Technology Applications

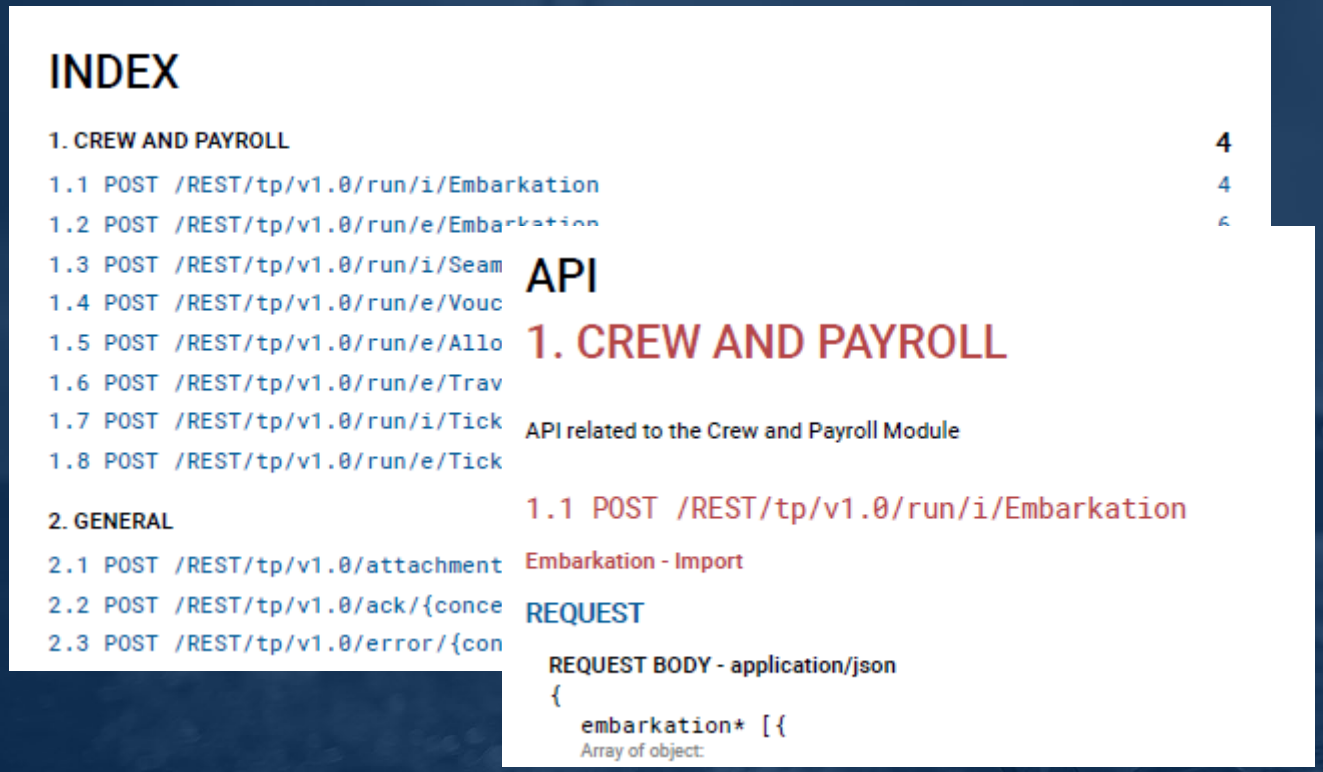
Been pivotal in designing and leading technical teams to achieve business goals for over 28 years.

API & Integration



- Support for REST API for integration
- OData style rest end points for retrieving large data set - support easy to deploy custom API end points

Integration API



INDEX

1. CREW AND PAYROLL 4

1.1 POST /REST/tp/v1.0/run/i/Embarkation 4

1.2 POST /REST/tp/v1.0/run/e/Embarkation 6

1.3 POST /REST/tp/v1.0/run/i/Seam

1.4 POST /REST/tp/v1.0/run/e/Vouc

1.5 POST /REST/tp/v1.0/run/e/Allo

1.6 POST /REST/tp/v1.0/run/e/Trav

1.7 POST /REST/tp/v1.0/run/i/Tick

1.8 POST /REST/tp/v1.0/run/e/Tick

2. GENERAL

2.1 POST /REST/tp/v1.0/attachment

2.2 POST /REST/tp/v1.0/ack/{conce

2.3 POST /REST/tp/v1.0/error/{con

API

1. CREW AND PAYROLL

API related to the Crew and Payroll Module

1.1 POST /REST/tp/v1.0/run/i/Embarkation

Embarkation - Import

REQUEST

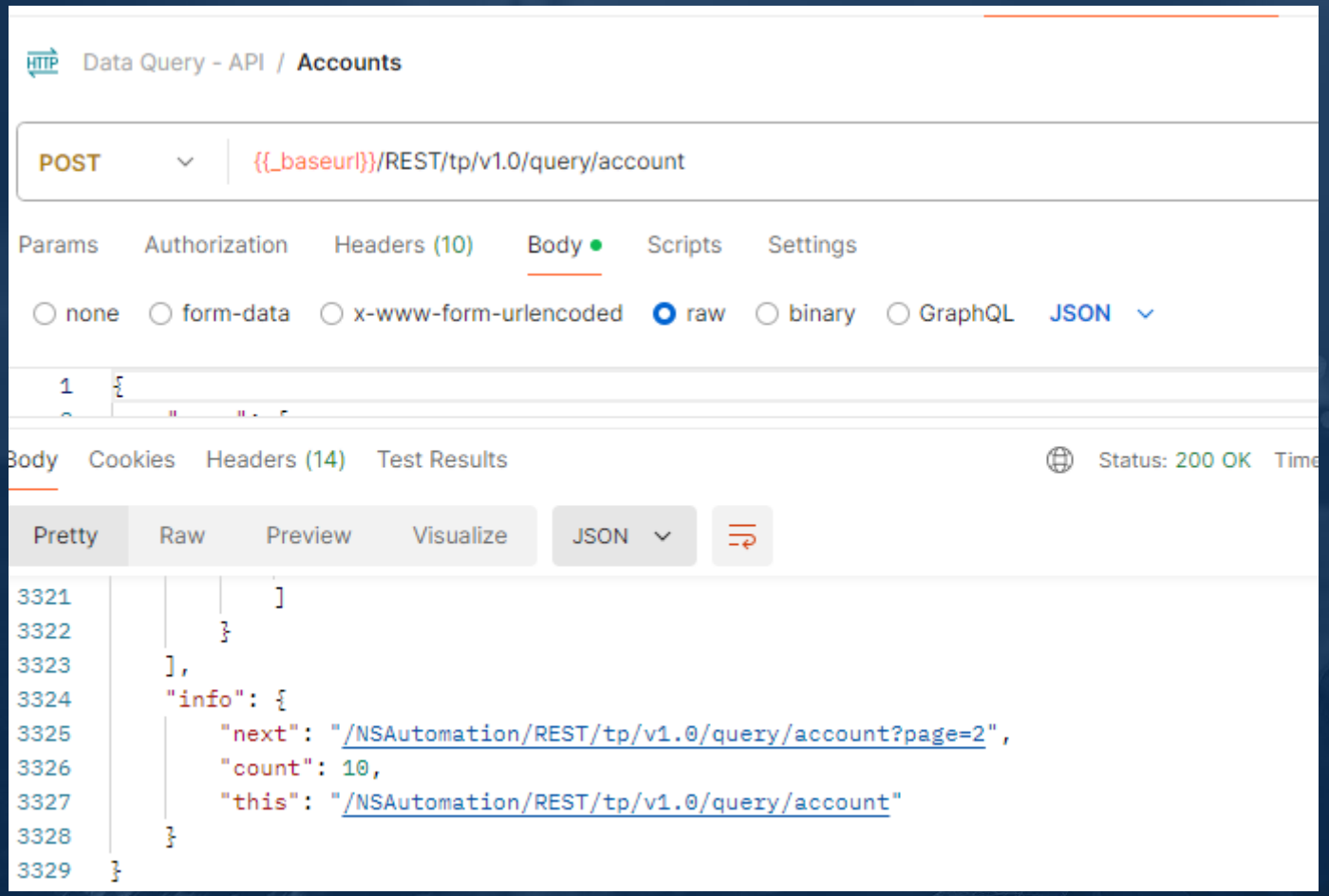
REQUEST BODY - application/json

```
{
  embarkation* [{
```

Array of object:

- API documentation updated and being released for newer API’s

OData Style API



- The response provides reference to the next page
- It contains the number of elements returned

Planned Enhancements

- API based on OData specification - OData Specification or Open API Open API Specification
- Improved documentation
- Add standard API for streamlining IoT data capture
- Data Browser & API builder

How many points did you get?

Use the NSUC app leaderboard to check your score and keep participating throughout the conference for a chance to win prizes (and bragging rights)!

#NSUC24

24TH ANNUAL GLOBAL
NAUTICAL SYSTEMS
USER
CONFERENCE