Updates from OpenTravel and HTNG

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HTNG/AHLA
OpenTravel Alliance, new ways of looking at standards

• Data definitions
  • Model libraries, not schema
  • User stories that supported creation of the model published with the model (gherkin format)
  • Tooling generates JSON or XML as needed
  • Working with travel segment standards bodies to lead in their area
• Behaviors documented as reference architectures and reference implementations
  • Minimum API capabilities like dynamically discoverable rules
• Encoding
  • How to describe the product, price and rules
  • No restrictions on what the product, price and rules are other than those set by travel segment standards bodies (air, rail, hotel, etc.)
Building a community approach, a work in progress

- **Partnerships**
  - Work with leaders in travel verticals to meet their members needs while cooperating on aspects critical to industry interoperability
    - Taxonomy, syntax, encoding, API behaviors, tooling

- **Open Travel Role**
  - Provide a centralized interoperability library for industry wide use
  - Document use cases that illustrate recommended use of standards ranging from industry wide (Open API Initiative) to sector specific (air, rail, etc.)
  - Provide a sandbox environment exposing working examples as an onramp to adoption

- **Relationships**
  - Partners run work groups using agreed on process
  - Industry wide governance (all groups represented) to assure interoperability
What is the OpenAPI Initiative?

- 40 member organizations in diverse industries: eCommerce, Tech, Government, Public Cloud, Developer Tools
- Promotes standards for describing APIs
- Creating, evolving and promoting a vendor neutral description format

OAS 3.1.0

- Security Enhancements
- Full support for latest JSON Schema Draft
- Support for out-of-bound Webhooks
Technical SIGs establishing and developing specific extensions to OAS

- **Overlays** ([GitHub](https://github.com) ([Slack](https://slack.com)) - Focused on defining overlays
- **Security** ([GitHub](https://github.com) ([Slack](https://slack.com)) - Focused on security
- **Workflows** ([GitHub](https://github.com) ([Slack](https://slack.com)) - Workflows with multiple APIs
- **Service Level Agreement** ([GitHub](https://github.com)) - SLA extensions
- **Codegen** ([Slack](https://slack.com)) - Focused on code generation
- **Formats** ([GitHub](https://github.com)) - Formats registry effort.
- **Lifecycle** ([GitHub](https://github.com) ([Slack](https://slack.com)) - Defining the API lifecycle

Industry SIGs focused on the usage of OAS in a specific industry, which may eventually contribute changes, extensions, or overlays to OAS

- **Travel** ([GitHub](https://github.com) ([Slack](https://slack.com)) - Focused on using OAS within the travel industry
- **Other industries under discussion**

Jump into the discussions by using the links or go to [https://github.com/OAI](https://github.com/OAI)! Membership not required
Current Activities

Open Travel, OAI and HTNG/AHLA has been increasing cooperation with a goal to do more

- HTNG/AHLA is participating in the sig-travel team at OAI
- Open Travel is working with HTNG/AHLA to allow them to be more self-sufficient in updating the Open Travel 1.0 and 2.0 message standards
- The sig-travel team (including HTNG/AHLA) are working out details on how to leverage the new dev portal at Open Travel
Joint Workgroups

HTNG, HEDNA and OpenTravel work collaboratively on workgroups that fall under HTNG’s Distribution Pillar

- Attribute Modeling for the Distribution Ecosystem
- Optimizing Hotel Content Distribution
- Unique Hospitality Identifier

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Thank You!

Let’s talk about what happens next!