



2024 National Order of the Arrow Conference

Session: Hackathon Applications: Navigating Innovation-Unveiling the OA Suite of Applications

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Session Length: 45 minutes

Session Description

Discover the software that powers the OA: from LodgeMaster to ArrowID to NOAERS and more, this session will give you insights into the capabilities of OA's home-grown application suite. We'll cover the basic capabilities of each application and discuss how these applications work together to provide the communication, collaboration and coordination within and between Lodges and Sections. This session promises to empower you with a deeper understanding of the tools that help to run the OA.

Recommended for all NOAC Hackathon participants.

Learning Outcomes

Outcome 1: Basic understanding of how the core OA applications work together - what each application is used for

Outcome 2: ArrowID: Helps to protect and provide access to the other OA applications

Outcome 3: Lodgemaster: The communications hub for the lodge including for event calendar(s), elections and more

Outcome 4: NOAERS: Sectional and National event registrations

Outcome 5: Invite interested attendees to the OA Technology Mixer at NOAC'24

Theme Connection: Seek New Heights

Together, technology helps us to Seek New Heights. With the OA serving Arrowmen from diverse backgrounds and with diverse needs, our technology solutions have expanded and flexed to meet the needs of our evolving organization. In this session, we seek to create the knowledge about the building blocks of the OA Suite in order to allow for collaboration on expanding the OA applications to better meet the needs of Arrowmen – today and in the future.

Facility and Material Needs

Facility Needs

Is this session remote delegate-compatible? Yes
(ie. can the material be engagingly taught via
live stream)

Does this session need audio/video (AV) Yes
capabilities? (ie. projector)

Are there any other specific facility needs for
this session? (ie. movable chairs, panel-style
seating, etc.)

Material Needs

[Please put “NOAC Training Committee” under “Source” if you need a material and cannot source it yourself - we will try to source it for you. Please note that we would strongly prefer training materials to be in a digital format and would advise against flipcharts and other physical materials. If you need microphones, extension cords, etc., please also specify those needs here.]

| Material | Quantity | Source |
|--------------------|----------|-------------------------|
| Microphone | 3 | NOAC Training Committee |
| HDMI Cables | 2 | NOAC Training Committee |
| Extension Cord | 1 | NOAC Training Committee |
| USB-C/HDMI Adapter | 1 | NOAC Training Committee |
| | | |

Session Preparation Steps

Step 1: Get access to the non-production LodgeMaster to be able to test/screenshot the user experience

Step 2: Confirm access to the instructor's own lodge in Lodgemaster, ArrowID, and NOAERS for testing/screenshots

Step 3: Review the slideshow before the presentation to confirm up to date data and screenshots of applications

Step 4: Check in with OA Technology Committee to see if access rules, features or other relevant system items have changed since the last course material update

Additional Staff Members

| Trainer Name | Email | Phone # |
|-----------------|------------------------|------------|
| Paul Lanzi | mrpaulscouts@gmail.com | 5303041763 |
| Brendan Schwall | bschwall911@gmail.com | 3035482037 |
| | | |
| | | |
| | | |

Lesson Plan

[The main body of your presentation should be here. Remember to adjust the timing for each session as you add/edit topics. **Remember, be as specific as possible - the goal is for someone to be able to read this syllabus and understand how to facilitate your session in the future!**]

Helpful Templates:

Activity

Copy and paste this box wherever you have an activity in this session!

Materials Needed: [materials]

Length of Activity: # [min]

Activity Description: [description]

Trainer Action

If at any point the trainer needs to complete an action (play a video clip, prompt questions, etc.) copy paste this box and edit this text to specify what!

Introduction

2 minutes

Slides 2-7

- Trainers introduce themselves, provide scouting background
- How many times does the word “Lodge” show up on the slide show?
- Recap purpose of the class
- How this fits into the Hackathon

Trainer Action

Ask the audience: What are you hoping to get out the class today?

Learning about: How does OA Technology Work?

10 minutes

Slides 8-11

- General info
 - All volunteer team develops, secures and maintains the OA applications
 - Budget is very small - spent on hosting the applications
 - Stats about how much the applications are used

- What are the OA Applications?
 - ArrowID
 - Lodgemaster
 - NOAERS
 - Section Websites and the National Website
 - National Committee Portal
 - Needs List
 - Applications supporting Applications
 - Jira
 - Confluence
 - Vaultwarden

Trainer Action

Ask the audience: Any questions on this?

Learning About: ArrowID

10 minutes

Slides 12-17

- What is Single Sign On?
- How does ArrowID help protect the OA Applications?
- What Arrowmen information is stored there?
- Two-factor authentication - why you should turn it on / how it helps

Trainer Action

Ask the audience: Any questions about ArrowID or it's functionality?

Learning About: LodgeMaster

10 minutes

Slides 18-31

- What do Lodge Chiefs see in Lodgemaster? What should I see in LodgeMaster?
- Is event info exchanged with my.scouting or Scoutbook?
- Accessing Lodgemaster from a mobile app
- Show how the messaging system works
 - Induction -> Induction Setup -> Communication Wizard
- Member tab
 - Seeing active and inactive members
- Asset tracking system (Assets tab)
- Unit Elections screen - which units have/have not held elections, etc
- Events tab

- Spreadsheet tracking
- What if you don't have access to Lodgemaster? How do you get access?

Trainer Action

Ask the audience: Any questions about LodgeMaster or it's functionality?

Learning About: NOAERS

10 minutes

Slides 32-40

- Can events from NOAERS be added to Lodgemaster calendar?
- My Events page
 - Registration information
 - Personal event details
- Mock registration example

Trainer Action

Ask the audience: Any questions about NOAERS or it's Functionality?

Conclusion & Takeaway Challenge

3 minutes

Slide 42

Take out a pen and write yourself a reminder to log into Lodgemaster when you get back to a computer and verify you're linked to your Lodge. If you have the chance, use the applications and come to the Hackathon with ideas about how to extend them to better serve Arrowmen's needs. ~~If you're interested, attend the Technology Team Mixer today at 2pm-2:45pm to meet members of the team.~~

Appendix: Resources and Source Material

| Resource | Link |
|---------------------------------------|---|
| Order of the Arrow, Mission & Purpose | Available online at: https://oa-bsa.org/about/mission-purpose |
| ArrowID URL | https://id.oa-bsa.org/Account/Login?ReturnUrl=%2F |

Hackathon Applications: Navigating Innovation-Unveiling the OA Suite of Applications |
Training Syllabus

| | |
|-----------------|---|
| LodgeMaster URL | https://lodgemaster-client.oa-bsa.org/#!/dashboard |
| NOAERS URL | https://registration.oa-bsa.org/ |
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