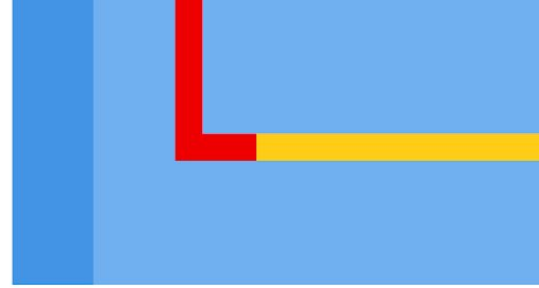


Red Hat
Summit

Connect

Cut My App Into Pieces, Is This My Last Resort?

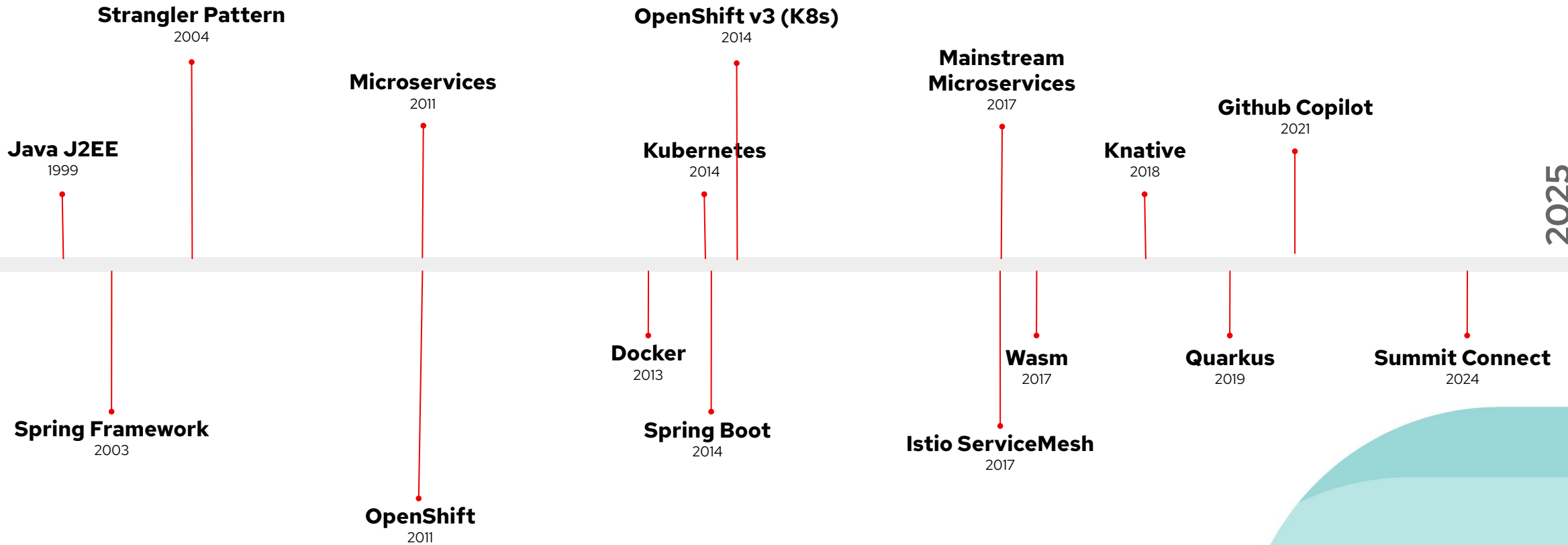
Miriam Bressan, Nik Lemberski



The quest for better app development

1999

2025



Common Misconceptions



Analysis Paralysis



Technical Details
and Components
first




'One Size Fits All' -
Strategie:
'Microservices'

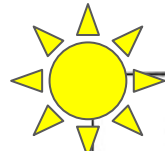
One key learning:

Measure what matters

Measuring success with

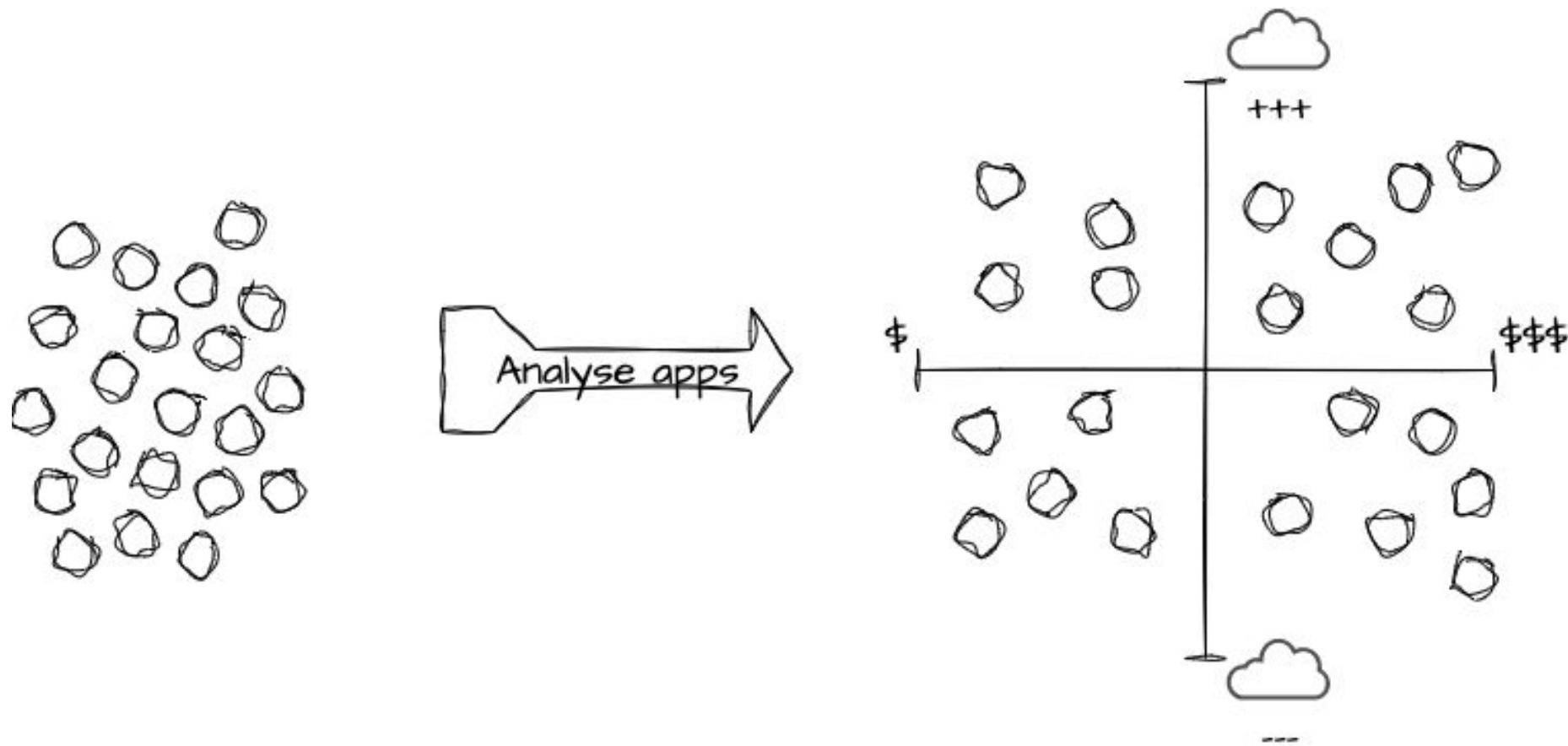
- 
- Reduction LOC (lines of code)
 - Number of containerized apps
 - Number of Jakarta EE to Quarkus conversions
 - Number of "modernized" apps

DORA

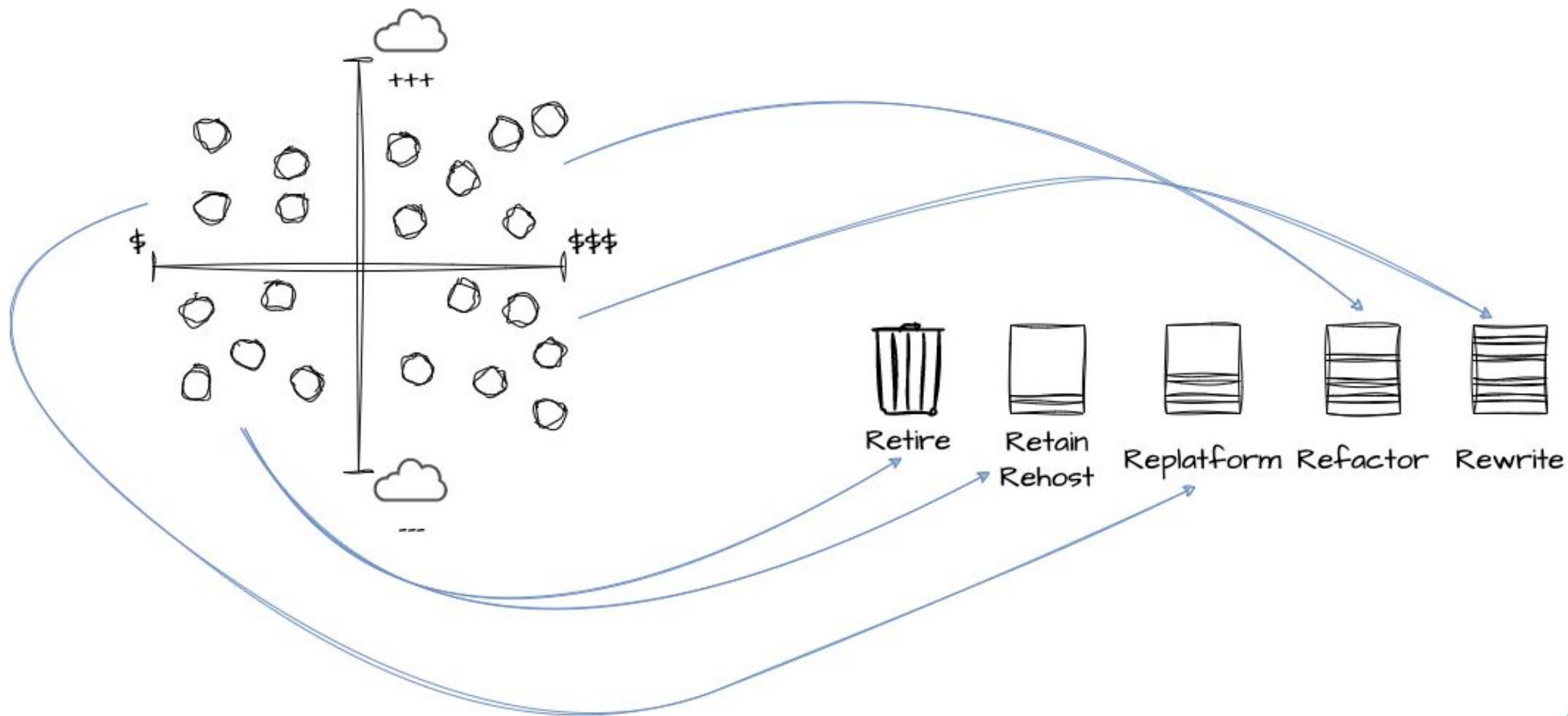
- 
- Deployment frequency
 - Lead time for changes
 - Change failure rate
 - Time to restore service
 - Operational performance

metrics

App modernization - Analyse



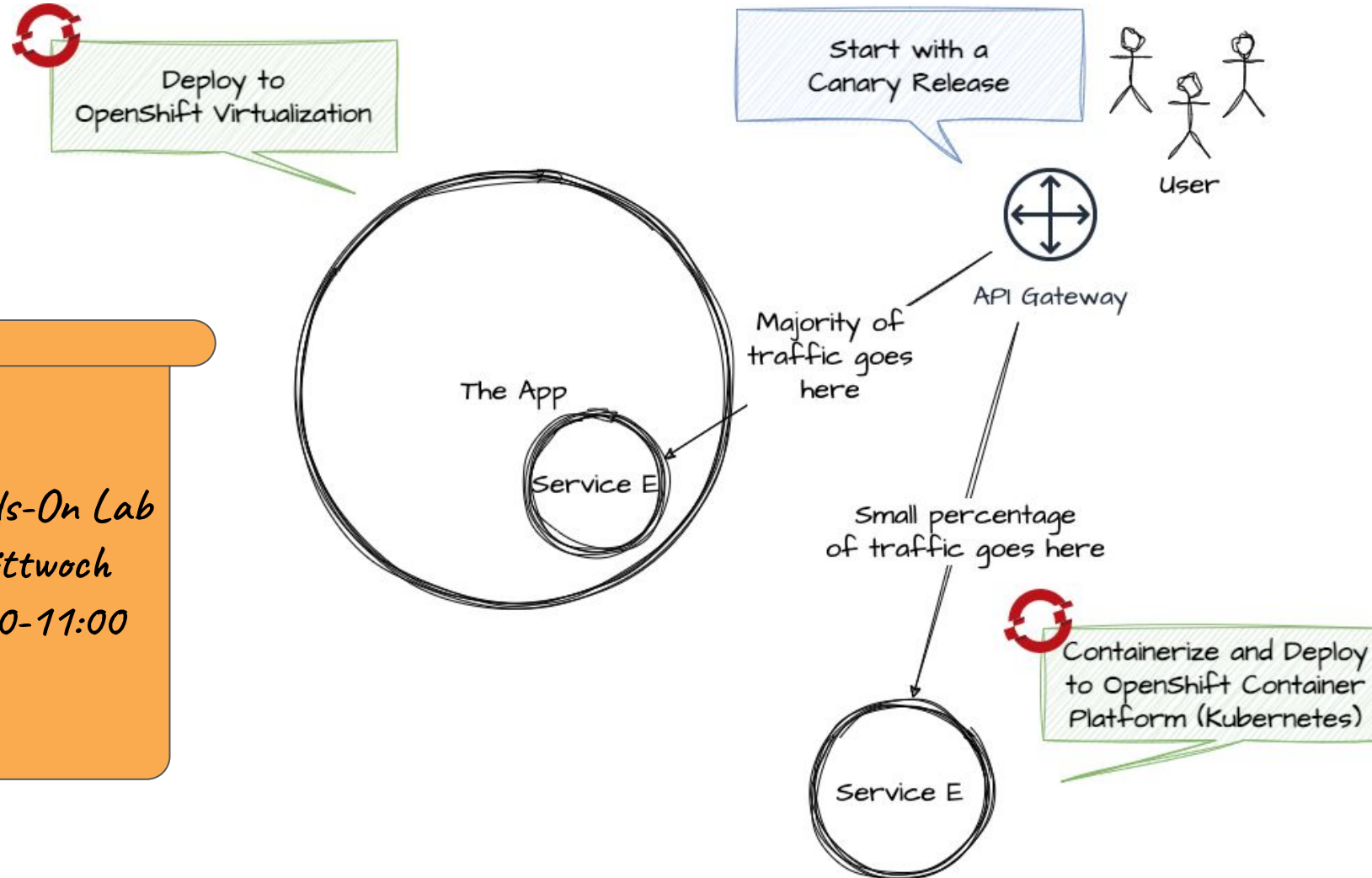
App modernization - The "Six R"



The Role of Cloud Native Virtualization



App modernization - Replatform and Refactor



Hands-On Lab
Mittwoch
9:30-11:00

AI as assistive technology

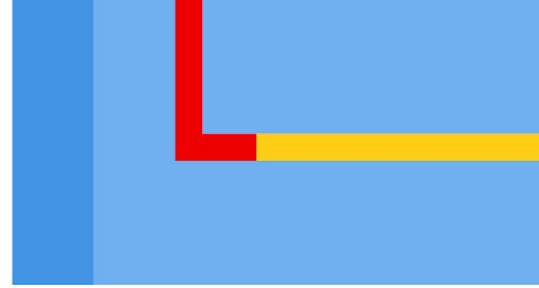
The screenshot shows an IDE interface with the following components:

- EXPLORER:** A file tree on the left showing a project structure with folders like 'src', 'main', 'java', 'com', 'redhat', 'coolstore', and 'model'. The file 'InventoryEntity.java' is selected.
- Code Editor:** The main area displays the Java code for 'InventoryEntity.java'. It includes package declarations, imports for 'javax.persistence', and class annotations like '@Entity' and '@Table'. The code defines an 'InventoryEntity' class with fields for 'itemid', 'location', 'quantity', and 'link'.
- Message Panel:** A panel on the right titled 'Message' displays an AI-generated suggestion: 'Replace the javax.persistence import statement with jakarta.persistence'. It also shows the 'Category ID' (mandatory), 'Rule ID' (javax-to-jakarta-import-00001), and a 'Source Snippet' with the corresponding code changes.
- PROBLEMS:** A panel at the bottom shows a list of incidents, with one incident selected that provides details about the package change and the analysis message.

AI as Feature / Modern App Capability

Modernize
Functionality
instead of
Architecture only.

Conclusion



Session: 16:50 - 17:20



Jetzt Session bewerten!

Einfach QR-Code
scannen, Session
wählen und bewerten.
Vielen Dank!

red.ht/rhsc24-de-s7

Open Tech Quest

Solve technical challenges around
Ansible, OpenShift & RHEL as a team

Nicht vergessen!

Bildet Teams von möglichst 5 Personen.

Erstellt eure Benutzeraccounts und gründet euer Team.

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Thank you



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