AI/ML Framework
(AIMLFW)
• Architecture Flow for Initial Seed Code Contribution
• Initial Repository Owners for seed code
• Jira Tasks
• MVP contribution related to AIML workflow
• EMCO framework
• CII badging
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<td>portal/aiml-dashboard</td>
<td>GUI for AIML Workflow</td>
<td>Ashish Jain, Ganesh Kumar Thangavel</td>
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<td>aiml-fw/awmf/tm</td>
<td>Training Manager: Training job and model management</td>
<td>Subhasis Mahana, Joseph Thaliath,</td>
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<td>aiml-fw/athp/tps/kubeflow adapter</td>
<td>Adapter for Kubeflow</td>
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<td>aiml-fw/athp/sdk/feature store</td>
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<td>ric-app/qp-aimlfw</td>
<td>Sample ML Assist xApp for QoE prediction</td>
<td>Minha Lee, Hyunsung Cho</td>
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<td>aiml-fw/dep</td>
<td>Deployment scripts aiml workflow → it/dep linking</td>
<td>Subhasis Mahana, Hyunsung Cho</td>
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Note: The owners mentioned here are only for initial code contribution. Based on agreement in community discussion, this can be changed.
JIRA tasks

• Jira task for seed code contribution is created
  • [AIMLFW-2] Prepare project seed code - ORAN Jira (o-ran-sc.org)
MVP-C discussion

• Discussion related to AI/ML in O-RAN contribution.

• Need to define an AI/ML workflow for an example usecase to get clarity on the end to end workflow.
  We saw the following statement in the contribution: Enhancement of R1 interface for AI/ML training? "enhancement for AI/ML workflow services and procedures of R1 in WG2 (stage2), e.g. AI/ML model training procedure". Need to understand the need for R1 interface impact during training.

• Feedback to be provided for the MVP contribution.
  • https://oranalliance.atlassian.net/wiki/spaces/MVPC/pages/2597715969/MVP-C+AI+ML+for+O-RAN+-+Request+for+feedback
  • Next meeting on 12th September.
EMCO discussion

• Understand the framework based on the presentation and demo that will provided during the next SMO meeting

• Queries
  • Should model be exposed as docker image for emco to deploy?
  • Is it planned for cu,du,ru as mentioned in email, what about ml xapp and rapps?
CII badging

- https://wiki.o-ran-sc.org/display/ORAN/Core+Infrastructure+Initiative+%28CII%29+Badging
- May need to add as a JIRA task