



Policy Drools AT&T Contribution for Guilin

Bobby Mander

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Next Generation of m2 Model

- Create Tosca-Driven Java Model (tdjam) for control loops
 - Remove reliance on Drools for TOSCA defined loops
 - Improve performance and scalability
 - Improve maintainability
 - Avoid limitations of Drools
 - Next generation of m1 and m2 predecessor models
 - Fully integrated with new ONAP actor framework
 - Transparent infrastructure change, no client impact

Code Overview

- frankfurt.drl: minimized to eliminated
- eventmanager/: bulk of changes to integrate to new model
- controller-tdjam/: high-level control code
- feature-controlloop-tdjam/: packaged as a feature



Further Steps

- Tidy up any remaining significant Sonar issues and junit coverage
- Push interim changes to minimize Drools for TOSCA driven flow
- Attempt to eliminate Drools entirely for TOSCA driven flow
- Update ONAP use cases as needed
- Test extensively with server pool and CLC integrations
- Finalize deployment considerations
- Add CSIT tests to fully test complete flow
- Push incremental changes while completing all changes for Guilin



Additional Areas of Contribution

- Logging updates to adhere to latest spec
- CI/CD changes to support automatic changelog
- Tooling to help with migration from old to new architecture
- Core GUI to match API
- Extensive testing internally leading to bug fixes or performance enhancements
- Sonar cleanup, junit/csirt additions
- <TBD>