Scope

The project aims to provide simulation solutions to all the projects that have such a need.

The project can be split according to the type of interfaces it simulates:

- A1
- E1
- E2
- F1
- FH
- O1

The project structure is flexible and it can be changed according to the needs of the other projects.

Project meetings

Currently, there is a weekly joined meeting with NON-RT-RIC on Mondays 14:00 UTC (9am EST, 10pm CST):

NOTE: During the “Daylight Savings Time” changeover periods (US vs Europe vs Asia) the time of the meetings may fluctuate. Please keep a close eye on the project calendar.

Zoom: https://zoom.us/j/436210993

Development

Jira

https://jira.o-ran-sc.org/projects/SIM/summary

Gerrit

- https://gerrit.o-ran-sc.org/r/admin/repos/sim
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/a1-interface
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/e1-interface
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/e2-interface
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/f1-interface
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/fh-interface
- https://gerrit.o-ran-sc.org/r/admin/repos/sim/o1-interface

Open issues in Jira

<table>
<thead>
<tr>
<th>Key</th>
<th>Status</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIM-99</td>
<td>TO DO</td>
<td>update E2 simulator to support source address binding</td>
</tr>
<tr>
<td>SIM-95</td>
<td>TO DO</td>
<td>bug related to socket creation and reuse of the port address.</td>
</tr>
<tr>
<td>SIM-91</td>
<td>TO DO</td>
<td>topology-service alignment with latest specifications</td>
</tr>
<tr>
<td>SIM-90</td>
<td>TO DO</td>
<td>Alignment with latest specifications</td>
</tr>
<tr>
<td>SIM-76</td>
<td>TO DO</td>
<td>kpm_e2sm is undeployable with helm3 in RIC dawn release</td>
</tr>
<tr>
<td>SIM-55</td>
<td>TO DO</td>
<td>Support for the E2 interface integration in ns-3 simulator</td>
</tr>
<tr>
<td>SIM-54</td>
<td>TO DO</td>
<td>E2 Simulator integration with OTF</td>
</tr>
<tr>
<td>SI-M-1</td>
<td>Jan 14, 2020</td>
<td>Jan 31, 2022</td>
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8 issues