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| Use-Case Description | Composability Manager---Create Resource Vertex |
| Actors | Composability Manager, Janusgraph database, Resource Control Operations, Resource Events Framework, Composition Policies, Authorization Block |
| Description | Add a resource to the graph database with Sunfish details, as a graph Vertex |
| Input Data | ResourceID, ComposerID, MessageID, resource, description, severity, proposed resolution, resource connections, path, tenancy, security value, security association |
| Pre Conditions | Composability Manager is running, Janusgraph database is running, Sunfish service is running |
| Post Conditions | A resource vertex is added to the graph database |
| Trigger | Call is made for a new graph database resource addition |
| Normal Flow | * Gather resource name and input data details * g.addV(‘resource’,).property(‘ComposerID’,0).property   (‘MessageID’,0).property(‘severity’,0).property(‘proposed resolution’,‘proposed resolution’).property(’resource connections’,’resource connections’).property(‘path’,’path’).property(‘tenancy’,’tenancy’).property  (‘security value’,’security value’).property(‘security association’,’security association’))   * return success |
| Alternate Flow 1 |  |
| Alternate Flow 2 |  |
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