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| Use-Case Description | Composability Manager-Resource Control Operations-Add Resource to Database |
| Actors | Sunfish, Composability Manager |
| Description | When Event is received by Composability Manager for new Resource, Sunfish is queried for Resource details and the details are stored into the Graph database |
| Input Data | Resource information from Sunfish Event |
| Pre Conditions | Sunfish service is running, Composability Manager is running |
| Post Conditions | New Resource is added to the Graph database |
| Trigger | Sunfish Event is received by Event block and notification is given to the Composability Manager |
| Normal Flow | * Event is received indicating a new Resource * Query is made to Sunfish about new Resource * Resource is an individual component * Resource is not already in database * Register Resource into the Graph database |
| Alternate Flow 1 | * Event is received indicating a new Resource * Query is made to Sunfish about new Resource * Resource is an individual component * Resource is already in database * Fail gracefully |
| Alternate Flow 2 | * Event is received indicating a new Resource * Query is made to Sunfish about new Resource * Resource is a fabric link * Resource is not already in database * Register Resource into the Graph database as an edge |
| Alternate Flow 3 | * Event is received indicating a new Resource * Query is made to Sunfish about new Resource * Resource is a fabric link * Resource is not already in database * Fail gracefully |