Messeging

```
+---------------------------+
|          Agent            |
+---------------------------+
| Initialize()              |
| Publish()                 |
| Subscribe()               |
| + Consume(Event*)         |
| EventCreate()             |
+---------------------------+
```

```
+---------------------------+
|          Event            |
+---------------------------+
| GetEventType              |
| ()EventType*              |
+---------------------------+
```

```
+-------------+
|  EventType  |
+-------------+
|             |
+-------------+
```

```
+-----------------------------+
|         Subscriber          |
+-----------------------------+
| Subscribe()                 |
| GetAgent(EventType*)Agent*  |
| Container <pair             |
| <EventType*, Agent*> >      |
+-----------------------------+
```

```
+---------------------+
|      Publisher      |
+---------------------+
| Publish(Event*)     |
+---------------------+
```