```
package io.scalecube.examples;
import static java.util.stream.Collectors.joining;
import io.scalecube.cluster.Cluster;
import io.scalecube.cluster.ClusterConfig;
import io.scalecube.cluster.Member;
import java.util.Collections;
import java.util.Map;
 * Example how to create {@link Cluster} instances and join them to cluster.
 * @author Anton Kharenko
public class ClusterJoinExamples {
  /** Main method. */
  public static void main(String[] args) throws Exception {
    // Start seed member Alice
    Cluster alice = Cluster.joinAwait();
    // Join Bob to cluster with Alice
    Cluster bob = Cluster.joinAwait(alice.address());
    // Join Carol to cluster with metadata
    Map<String, String> metadata = Collections.singletonMap("name", "Carol");
    Cluster carol = Cluster.joinAwait(metadata, alice.address());
    // Start Dan on port 3000
    ClusterConfig configWithFixedPort =
        ClusterConfig.builder().seedMembers(alice.address()).port(3000).build();
    Cluster dan = Cluster.joinAwait(configWithFixedPort);
    // Start Eve in separate cluster (separate sync group)
    ClusterConfig configWithSyncGroup =
        ClusterConfig.builder()
            .seedMembers(
                alice.address(), bob.address(), carol.address(), dan.address()) //
won't join anyway
            .syncGroup("another cluster")
            .build();
    Cluster eve = Cluster.joinAwait(configWithSyncGroup);
    // Print cluster members of each node
    System.out.println(
        "Alice ("
            + alice.address()
            + ") cluster: "
            + alice.members().stream().map(Member::toString).collect(joining("\n",
"\n", "\n")));
    System.out.println(
        "Bob ("
            + bob.address()
            + ") cluster:
            + bob.members().stream().map(Member::toString).collect(joining("\n",
"\n", "\n")));
```

```
System.out.println(
        "Carol ("
            + carol.address()
            + ") cluster: "
            + carol.members().stream().map(Member::toString).collect(joining("\n",
"\n", "\n")));
    System.out.println(
        "Dan ("
            + dan.address()
            + ") cluster: "
            + dan.members().stream().map(Member::toString).collect(joining("\n",
"\n", "\n")));
    System.out.println(
        "Eve ("
            + eve.address()
            + ") cluster: " // alone in cluster
            + eve.members().stream().map(Member::toString).collect(joining("\n",
"\n", "\n")));
 }
}
```