```
<?xml version="1.0" encoding="UTF-8"?>
<PSM:RootPSM
  xmi:version="2.0"
  xmlns:xmi="http://www.omg.org/XMI"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:PSM="http://localhost/mdd/PSM.ecore"
  xsi:schemaLocation="http://localhost/mdd/PSM.ecore PSM.ecore">
 <application
   ApplicationName="Microservices Sample"
   ProjectPackageURL="https://github.com/microservices-sample">
  <containers
    xsi:type="PSM:BuildProjectContainer"
    ParentProjectName="microservices-sample"
    ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
    ContainerName="api-gateway"
    BuildField="../../api-gateway/target"
    project="//@application/@multi_application_project/@applications.0">
   <GeneratingLinesOfCode>7-21</GeneratingLinesOfCode>
     ParentProjectName="microservices-sample"
     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     LinksDependsOnField="consul"
     provider="//@application/@containers.7">
    <GeneratingLinesOfCode>15-16</GeneratingLinesOfCode>
   </links>
   links
     ParentProjectName="microservices-sample"
     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     DependencyOrder="2"
     LinksDependsOnField="logstash"
     provider="//@application/@containers.13">
    <GeneratingLinesOfCode>15</GeneratingLinesOfCode>
    <GeneratingLinesOfCode>17</GeneratingLinesOfCode>
   </links>
   <ports
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     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     ExposesPortsField="8080:8080">
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   </ports>
   <ports
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     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     ExposesPortsField="8080">
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   </ports>
  </containers>
  <containers
    xsi:type="PSM:BuildProjectContainer"
    ParentProjectName="microservices-sample"
    ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
    ContainerName="service-one"
    BuildField="../../service-one/target"
    project="//@application/@multi_application_project/@applications.1">
   <GeneratingLinesOfCode>26-40</GeneratingLinesOfCode>
   links
     ParentProjectName="microservices-sample"
     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     LinksDependsOnField="rabbit"
     provider="//@application/@containers.6">
    <GeneratingLinesOfCode>32-33</GeneratingLinesOfCode>
   </links>
   links
     ParentProjectName="microservices-sample"
     ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
     DependencyOrder="2"
     LinksDependsOnField="service-one-db"
```

```
provider="//@application/@containers.2">
  <GeneratingLinesOfCode>32</GeneratingLinesOfCode>
  <GeneratingLinesOfCode>34</GeneratingLinesOfCode>
 </links>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   DependencyOrder="3"
   LinksDependsOnField="consul"
   provider="//@application/@containers.7">
  <GeneratingLinesOfCode>32</GeneratingLinesOfCode>
  <GeneratingLinesOfCode>35</GeneratingLinesOfCode>
 </links>
 links
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   DependencyOrder="2"
   LinksDependsOnField="logstash"
   provider="//@application/@containers.13">
  <GeneratingLinesOfCode>32</GeneratingLinesOfCode>
  <GeneratingLinesOfCode>36</GeneratingLinesOfCode>
 </links>
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8082:8082">
  <GeneratingLinesOfCode>30-31</GeneratingLinesOfCode>
 </ports>
</containers>
<containers
  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="service-one-db"
  ImageField="mongo:3.7">
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 <ports
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="27017:27017">
  <GeneratingLinesOfCode>56-57</GeneratingLinesOfCode>
 </ports>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="27017">
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 </ports>
</containers>
<containers
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  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="service-two"
  BuildField="../../service-two/target">
 <GeneratingLinesOfCode>68-82</GeneratingLinesOfCode>
 links
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   LinksDependsOnField="rabbit"
   provider="//@application/@containers.6">
  <GeneratingLinesOfCode>74-75</GeneratingLinesOfCode>
 </links>
 links
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   DependencyOrder="2"
```

```
LinksDependsOnField="service-two-db"
   provider="//@application/@containers.4">
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  <GeneratingLinesOfCode>76</GeneratingLinesOfCode>
 </links>
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   DependencyOrder="3"
   LinksDependsOnField="consul"
   provider="//@application/@containers.7">
  <GeneratingLinesOfCode>74</GeneratingLinesOfCode>
  <GeneratingLinesOfCode>77</GeneratingLinesOfCode>
 </links>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   DependencyOrder="2"
   LinksDependsOnField="logstash"
   provider="//@application/@containers.13">
  <GeneratingLinesOfCode>74</GeneratingLinesOfCode>
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 </links>
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8084:8084">
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 </ports>
</containers>
<containers
  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="service-two-db"
  ImageField="mysql/mysql-server:5.7">
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 <ports
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="3310:3306">
  <GeneratingLinesOfCode>96-97</GeneratingLinesOfCode>
 </ports>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="3310">
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  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="web-application"
  ImageField="nginx:1.13.12-alpine">
 <GeneratingLinesOfCode>106-118</GeneratingLinesOfCode>
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="80:4200">
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 </ports>
</containers>
<containers
  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
```

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ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="rabbit"
  ImageField="rabbitmq:3.7.4-management-alpine">
 <GeneratingLinesOfCode>123-139</GeneratingLinesOfCode>
 <ports
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="5672:5672">
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 </ports>
 <ports
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="15672:15672">
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  <GeneratingLinesOfCode>129</GeneratingLinesOfCode>
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="15672">
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</containers>
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  xsi:type="PSM:DockerHubImageContainer"
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  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="consul"
  ImageField="consul:0.7.3">
 <GeneratingLinesOfCode>145-154</GeneratingLinesOfCode>
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8500:8500">
  <GeneratingLinesOfCode>150-151</GeneratingLinesOfCode>
</ports>
 <ports
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8600:8600">
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</containers>
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  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="consul2"
  ImageField="consul:0.7.3">
 <GeneratingLinesOfCode>155-166</GeneratingLinesOfCode>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   LinksDependsOnField="consul"
   provider="//@application/@containers.7">
  <GeneratingLinesOfCode>163-164</GeneratingLinesOfCode>
 </links>
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8500">
  <GeneratingLinesOfCode>159-160</GeneratingLinesOfCode>
 </ports>
 <ports
   ParentProjectName="microservices-sample"
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```
ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8600">
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 </ports>
</containers>
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  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="consul3"
  ImageField="consul:0.7.3">
 <GeneratingLinesOfCode>167-179</GeneratingLinesOfCode>
 links
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   LinksDependsOnField="consul"
   provider="//@application/@containers.7">
  <GeneratingLinesOfCode>175-176</GeneratingLinesOfCode>
 </links>
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   LinksDependsOnField="consul2"
   provider="//@application/@containers.8">
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 </links>
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8500">
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   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="8600">
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 </ports>
</containers>
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  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="scope"
  ImageField="weaveworks/scope:1.9.0">
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   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="4040:4040">
  <GeneratingLinesOfCode>190-191</GeneratingLinesOfCode>
 </ports>
 <ports
   ParentProjectName="microservices-sample"
   ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
   ExposesPortsField="4040">
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 </ports>
</containers>
<containers
  xsi:type="PSM:DockerHubImageContainer"
  ParentProjectName="microservices-sample"
  ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
  ContainerName="kibana"
```

ImageField="kibana:5.6.9">
<GeneratingLinesOfCode>207-220</GeneratingLinesOfCode>
ks
ParentProjectName="microservices-sample"
ArtifactFileName="/project-initializer/build/docker/docker-compose.yml"
LinksDependsOnField="elasticsearch"
provider="//@application/@containers.12">