

Gestion autonome d'un centre de calcul simulé - ÉTAPE 1

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24 Novembre 2017

Gestion
autonomique
d'un centre
de calcul
simulé -
ÉTAPE 1

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Motivations

RequestDispatcher

RequestDispatcher
Component

ApplicationContainer

Application
Container
Component

Javassist

AdmissionController

MultiJVM
with RMI

① Motivations

② RequestDispatcher RequestDispatcher Component

③ ApplicationContainer Application Container Component

④ Javassist

⑤ AdmissionController

⑥ MultiJVM with RMI

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- ① RequestDispatcher.
- ② ApplicationContainer.
- ③ Connector port Admission Notification with Javassist.
- ④ AdmissionController and hosting of 2 Application.
- ⑤ MultiJVM with RMI.

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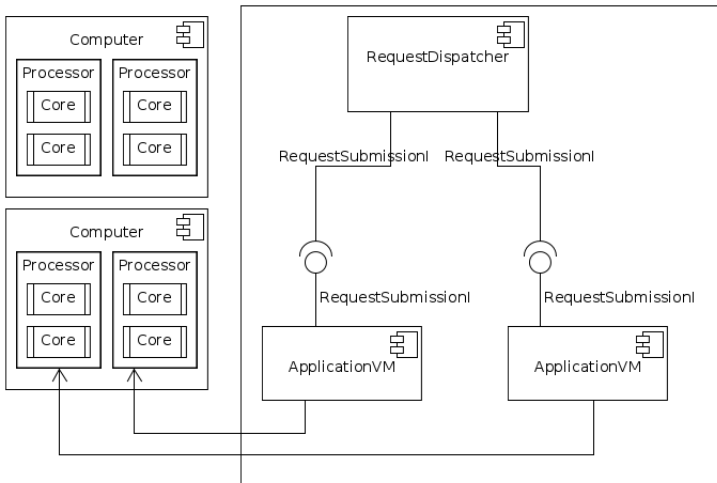
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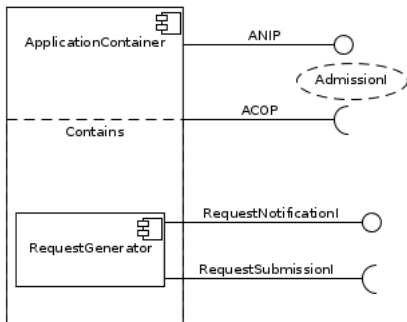
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```

/*
 * Generate a Class Connector (AdmissionNotificationConnector) using the
 * abstract method of the class JavassistUtility using Javassist
 */
HashMap<String, String> mapMethods = new HashMap<String, String>();
mapMethods.put("notifyAdmissionNotification", "notifyAdmissionNotification");
Class<?> admissionConnector = JavassistUtility.makeConnectorClassJavassist(
    "AdmissionNotificationConnector",
    AbstractConnector.class,
    AdmissionNotificationI.class,
    AdmissionNotificationI.class,
    mapMethods);
this.admissionNotificationOutboundPort.doConnection(
    admission.getAdmissionNotificationInboundPortURI(),
    admissionConnector.getCanonicalName());

```

Hosting 2 Application

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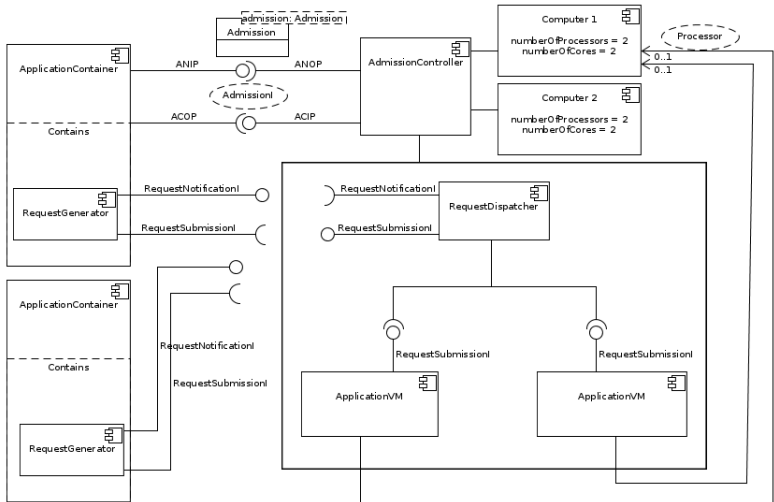
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Distributed version

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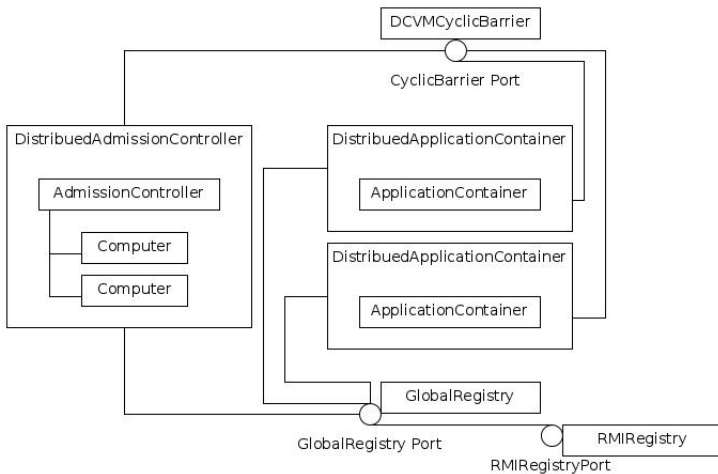
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MERCI POUR VOTRE ATTENTION

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