



PEtALS-SE-Clock

This document explain how to install configure and use the petals-se-clock JBI component.

PEtALS Team

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PEtALS-SE-CLOCK

The Clock component is a sample of a simple JBI service engine. It is used to return the current time of the host it runs on.

It is based on the CDK.

Chapter 1. Features

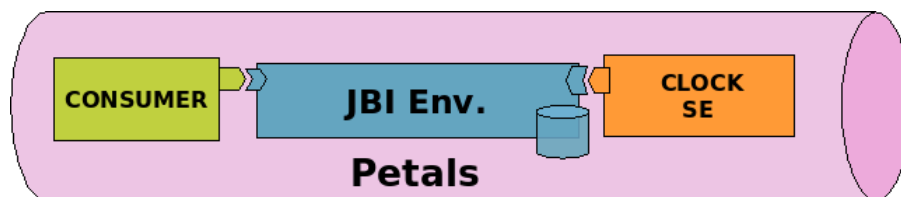
When the clock component starts, it registers and activates a new endpoint in the JBI environment with these values:

- **Endpoint name:** {http://petals.objectweb.org/}ClockService.
- **Service name:** An autogenerated endpoint. The name is generated at the deployment time.

2 available operations :

- **time:** Returns the current time. The MEP to use with the time operation is `InOut`.
- **printtime:** Display the current time into the logger. The MEP is `InOnly`.

Figure 1.1. Providing a time service



Chapter 2. Usage

Sending an a message to the Clock service with the operation `time` should return a message payload like the following one:

```
<timeResponse
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <timeReturn xsi:type="xsd:string">07/13/2007 15:14:33</timeReturn>
</timeResponse>
```