



Jolie Step By Step



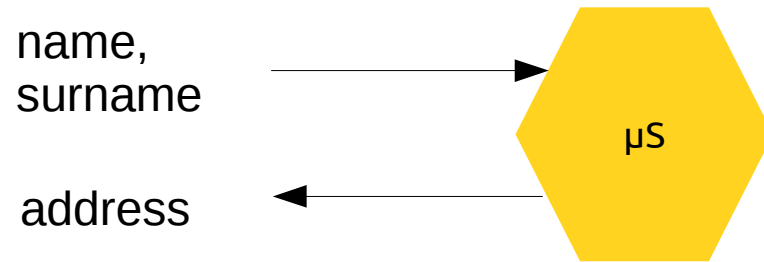
italianaSoftware 
Microservices Technologies



The first Service



Create a Jolie Server which receives a name and a surname and returns the address of the related person.



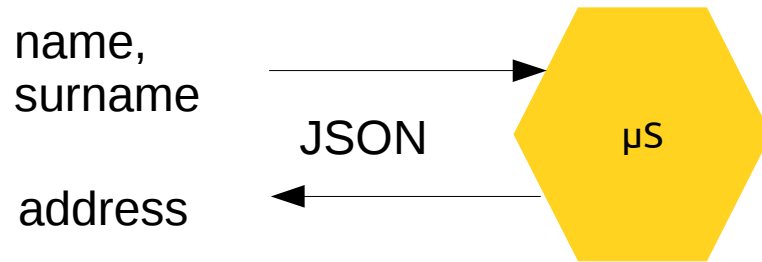
Hint: initialize a vector of name and surname in the init scope.



Deploy it as a JSON API



Deploy the same service for returning values in HTTP/JSON.



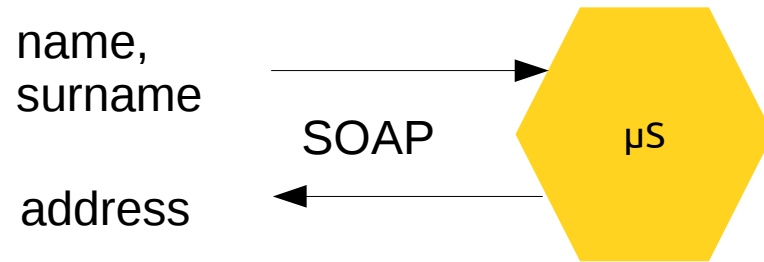
Hint: create a new `inputPort` and use the browser for retrieving the reply.



Deploy it as a Web Service



Deploy the same service as a web service.

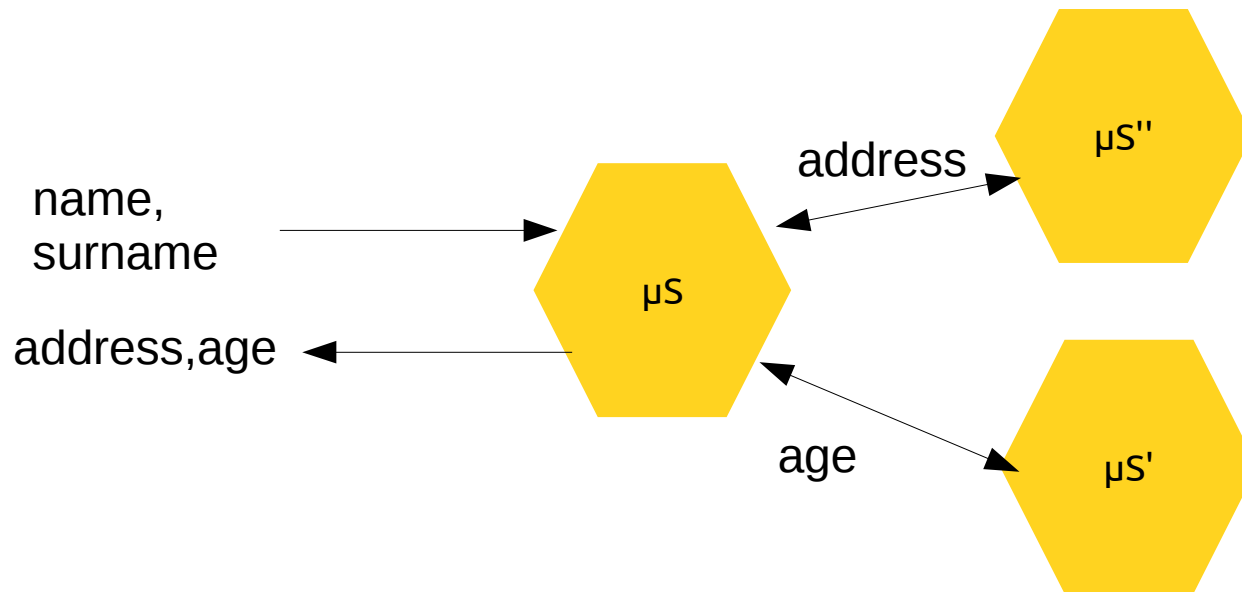


Hint: create a new inputPort and use the browser for retrieving the reply.



Composing two services

Create a composer which invokes two services, one for the address and the other for the age.

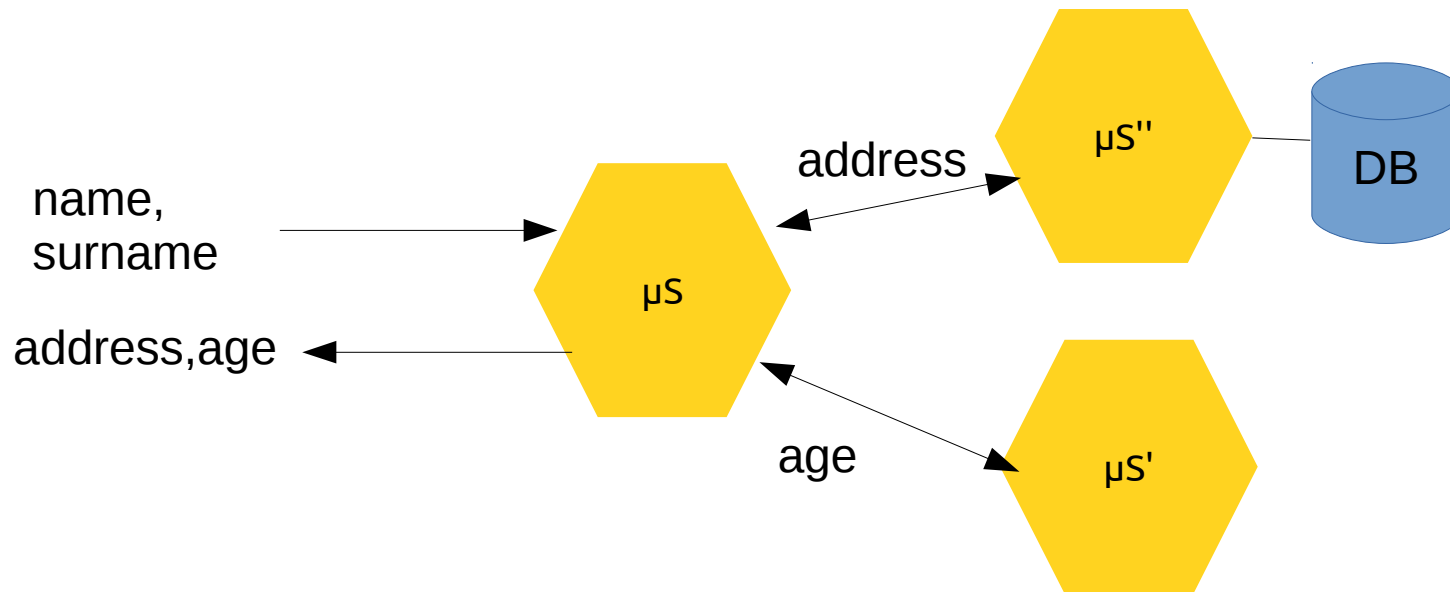




Using a database



Modify the first service in order to retrieve data from a database.

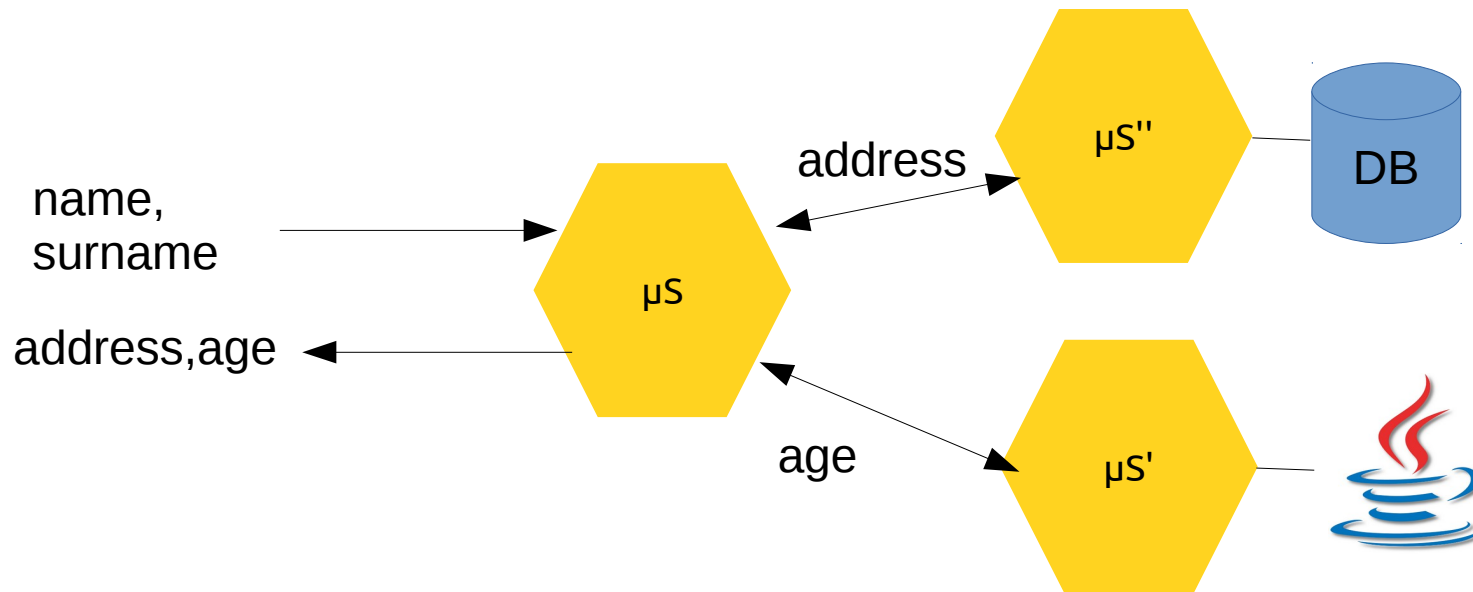




Using a Javaservice



Modify the age service in order to retrieve data from a Javaservice.

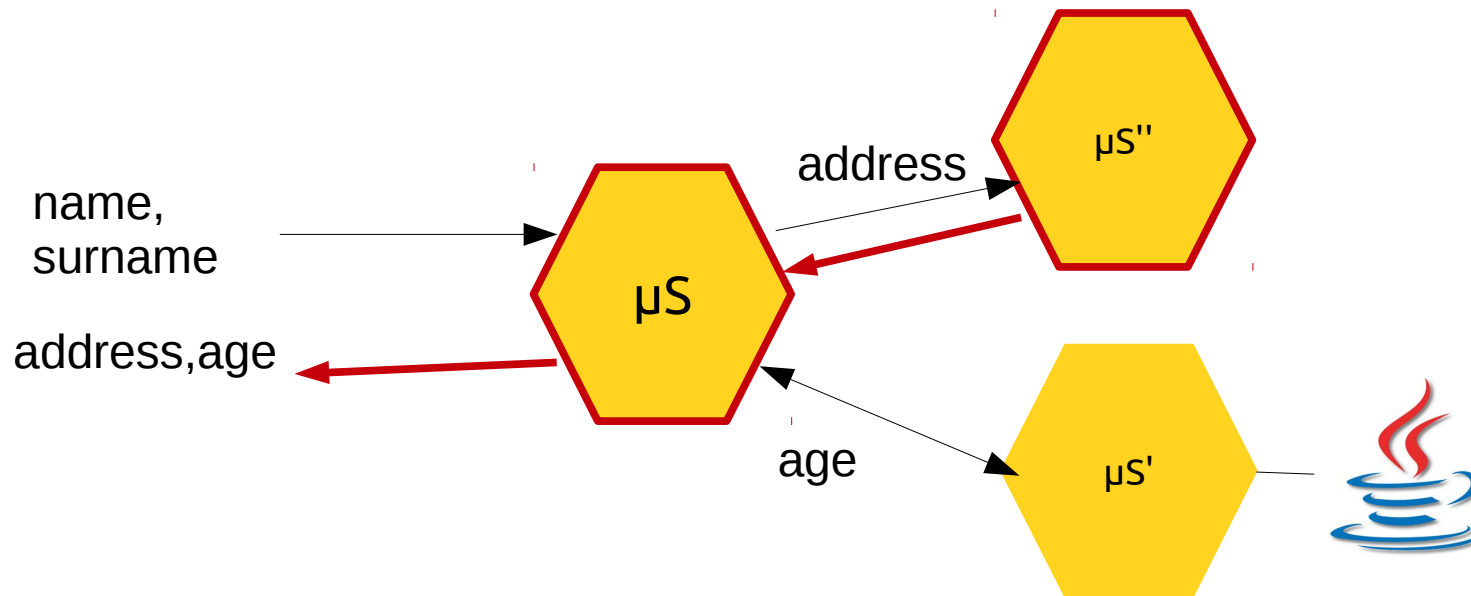


6.1

Fault propagation



Modify the age service in order to retrieve data from a Javbservice.

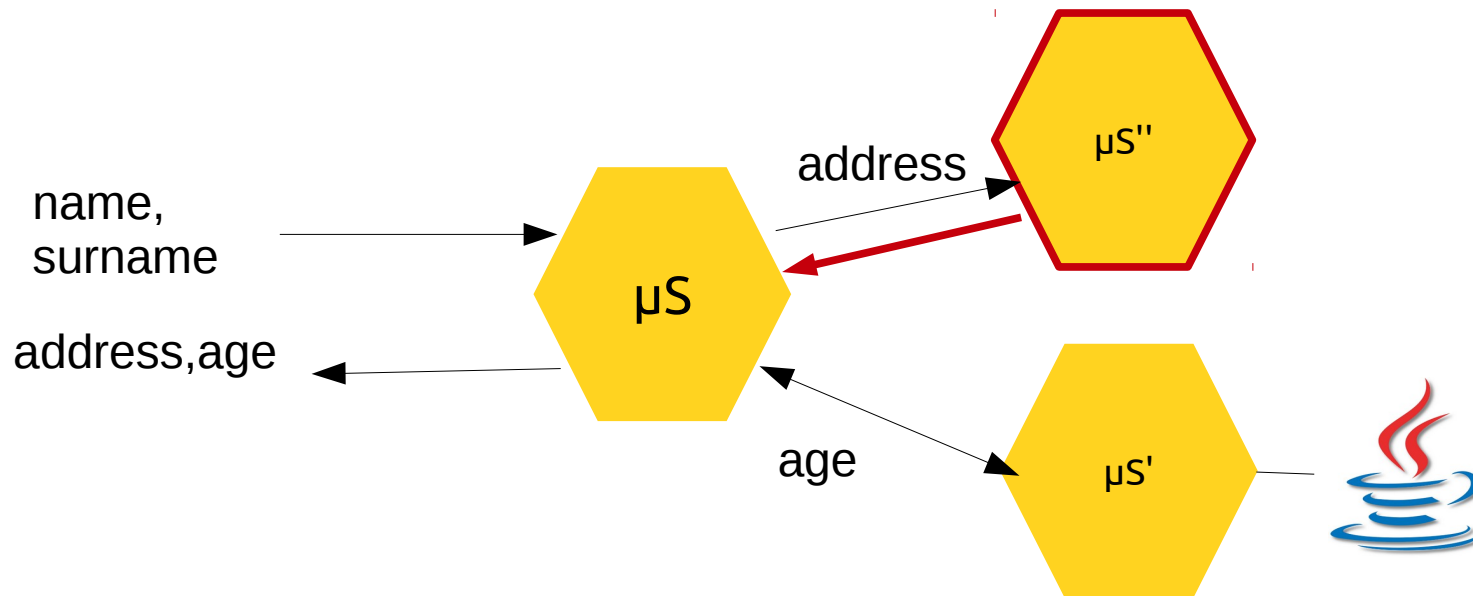


6.2

Handling faults



Modify the age service in order to retrieve data from a Javbservice.

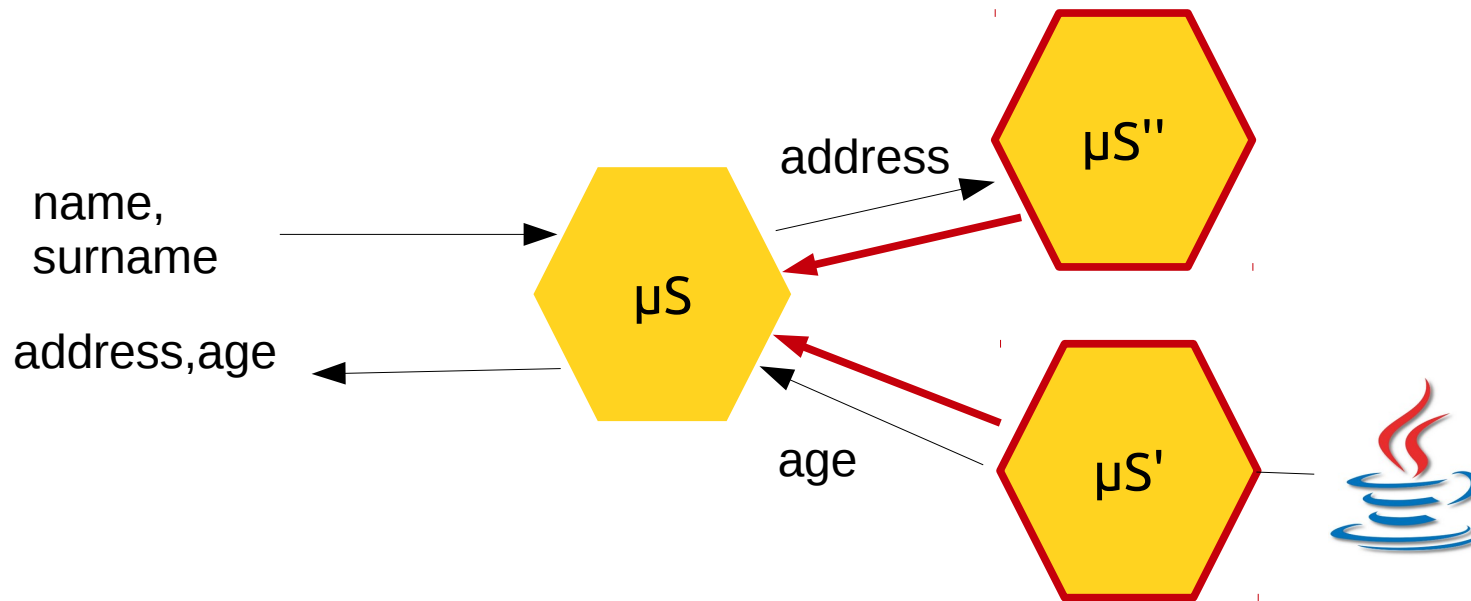


6.3

Handling faults... more



Modify the age service in order to retrieve data from a Javbservice.

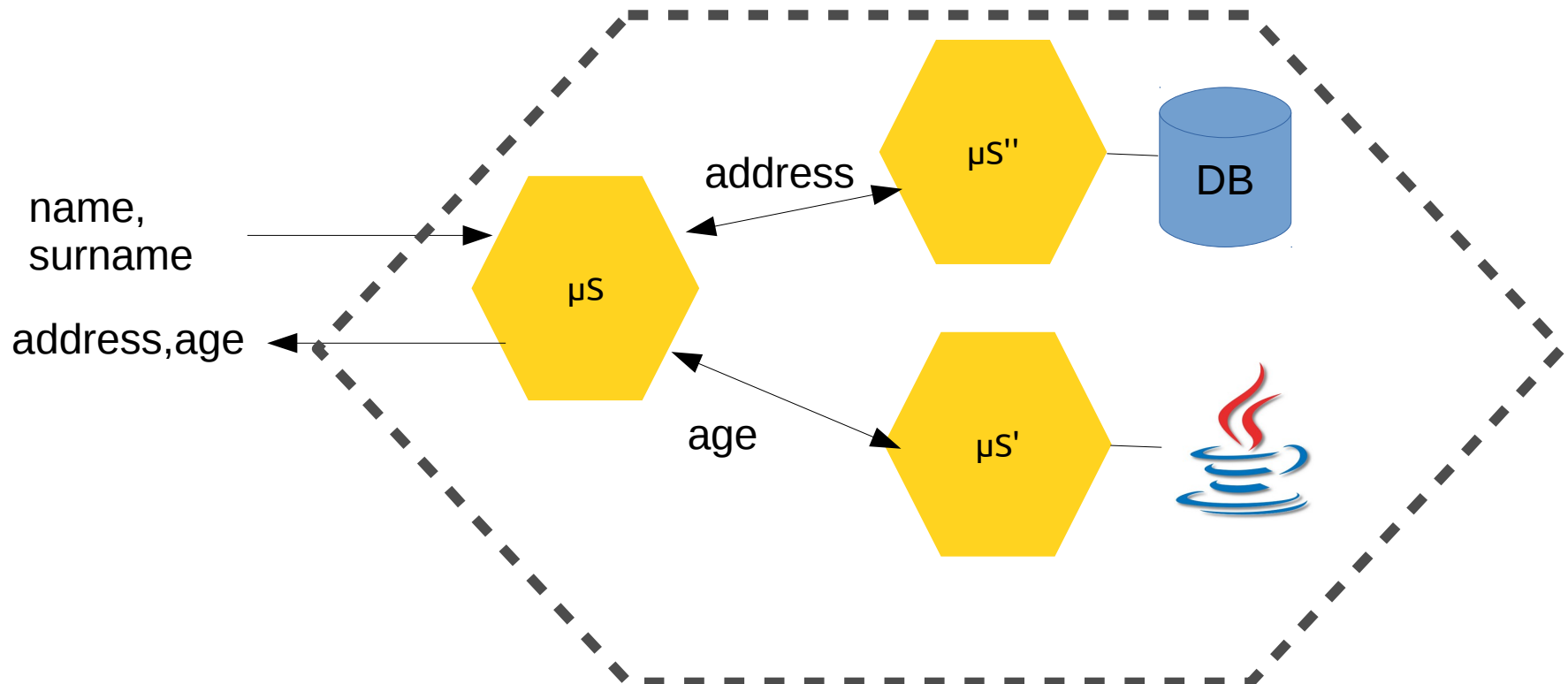




Deploy as a monolithic application

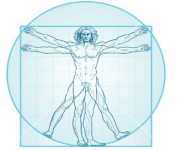


Using embedding deploy the system as a monolithic application.

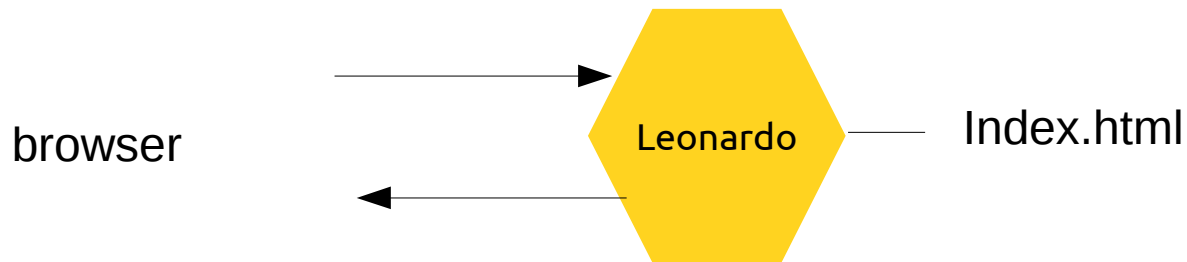




Using Leonardo

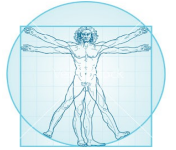


Create an HTML page and publish it into Leonardo.

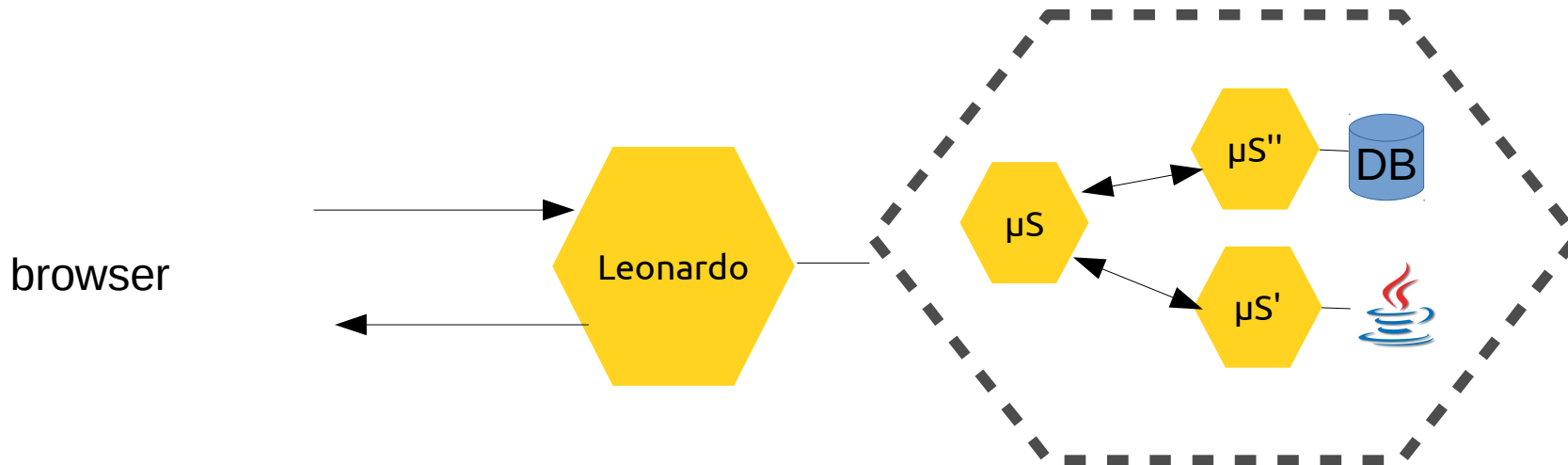


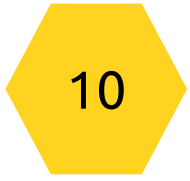


Publishing services into Leonardo

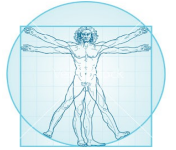


Using Aggregation publishes the getInfo operation of composer into Leonardo.

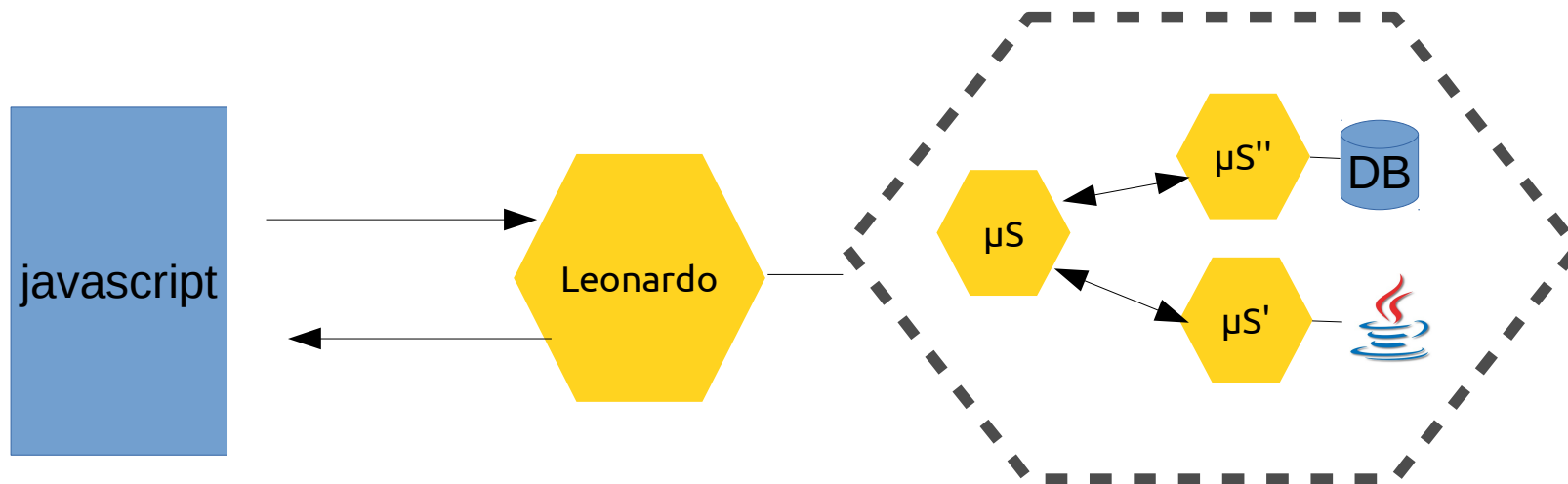


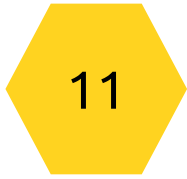


Calling services using js

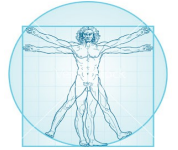


Create a javascript call for getting info.

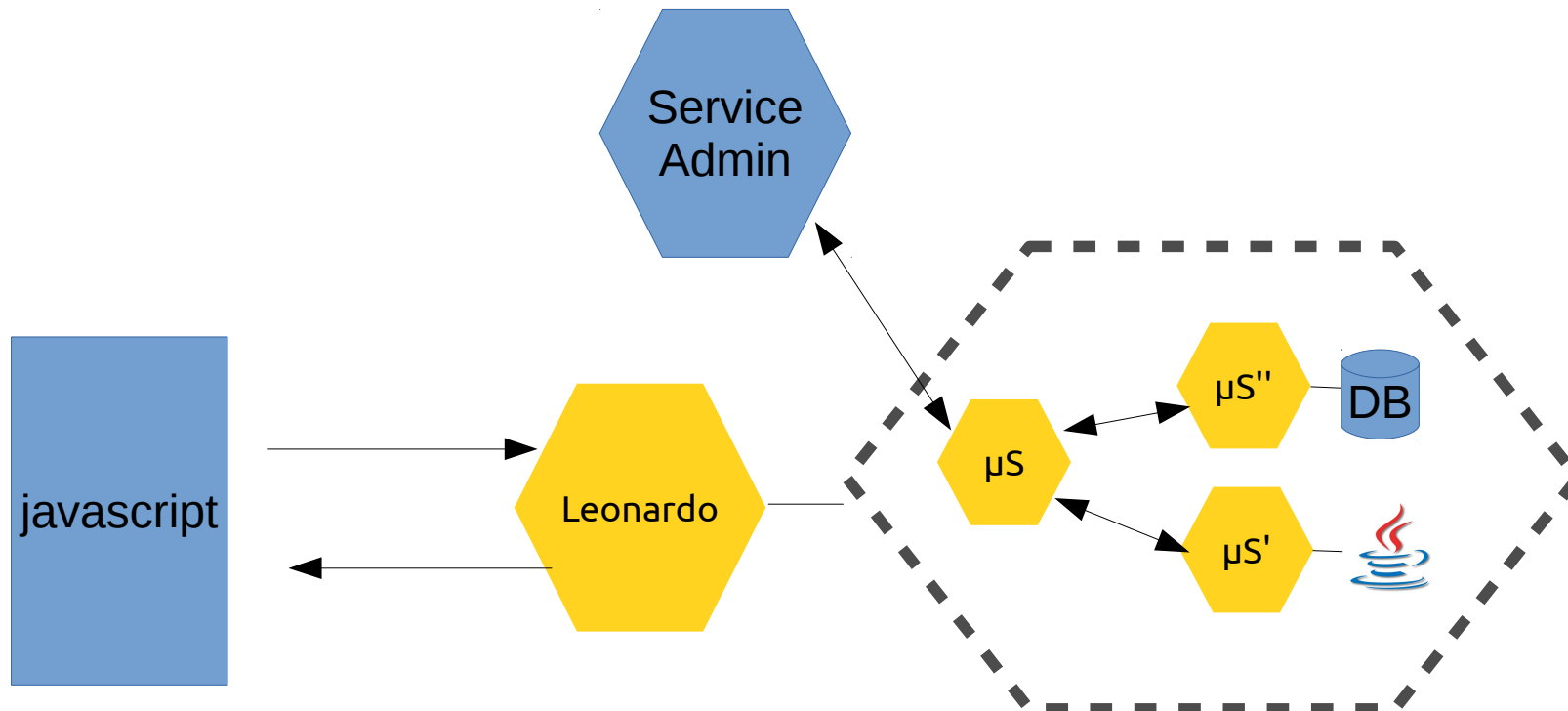




Monitoring Services with iS Logger



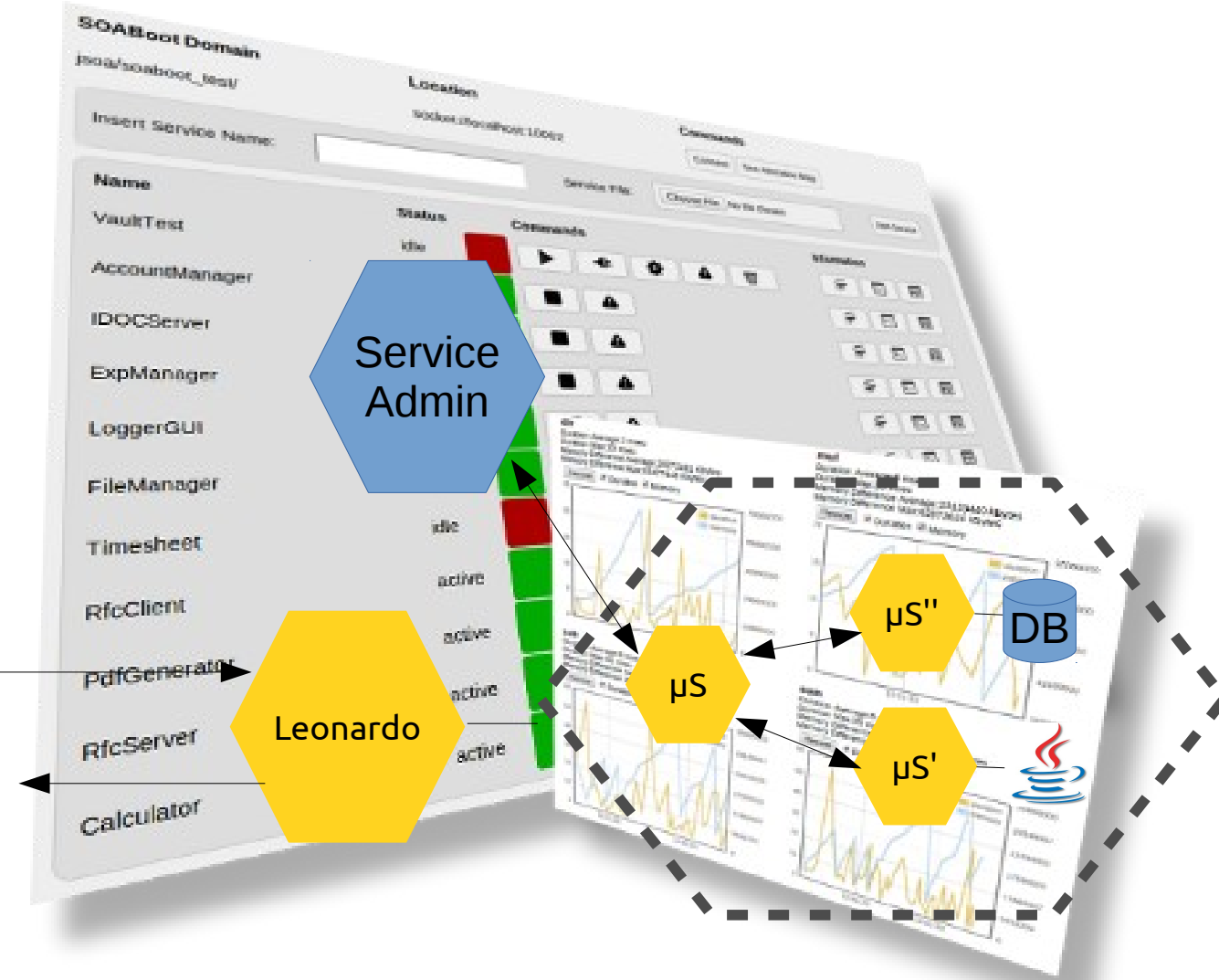
Create a javascript call for getting info.



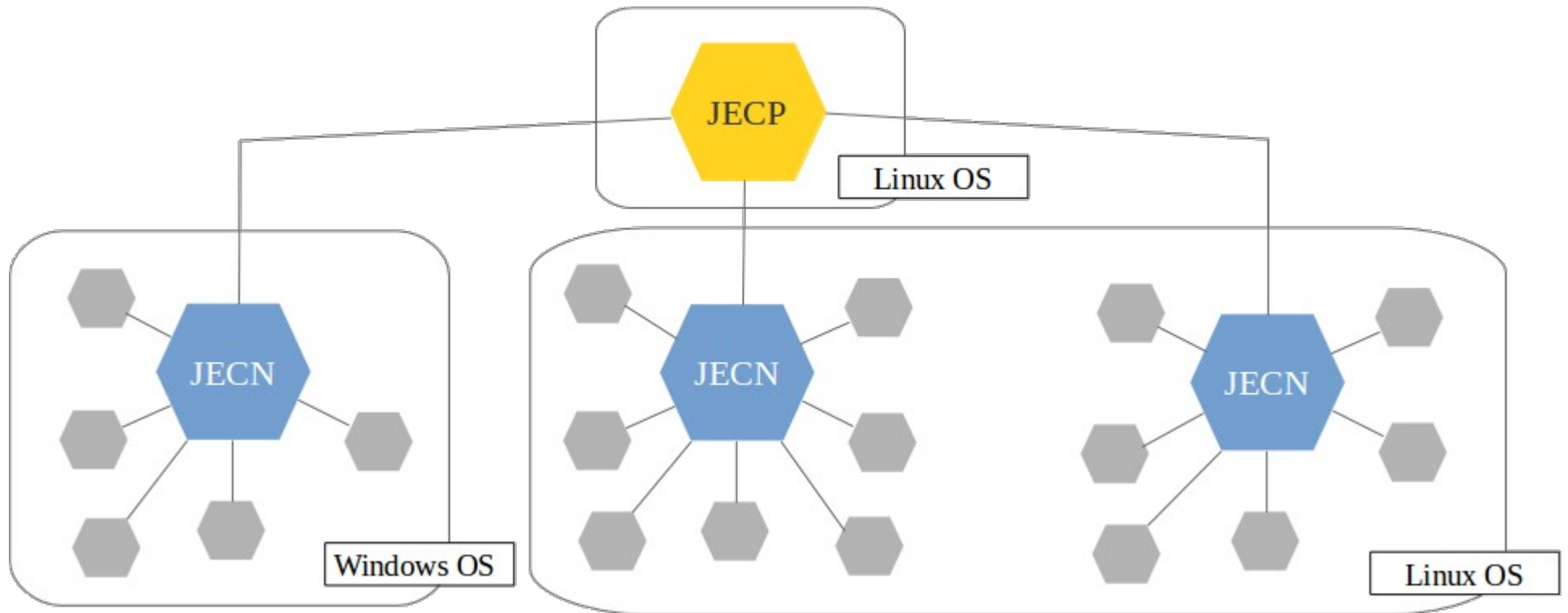
Deploying services into Jolie enterprise



javascript



Jolie Enterprise lower architecture





Thanks!



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