



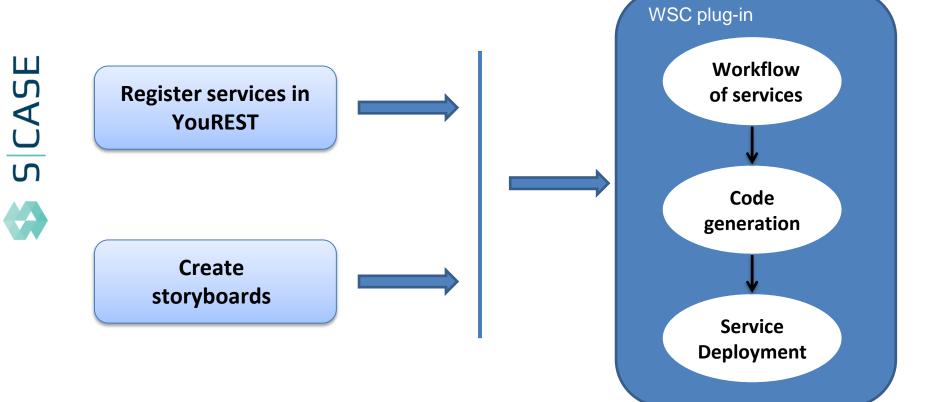
Web Service Composition & YouRest

Koutli Maria - CERTH





Workflow of web service composition





YouREST

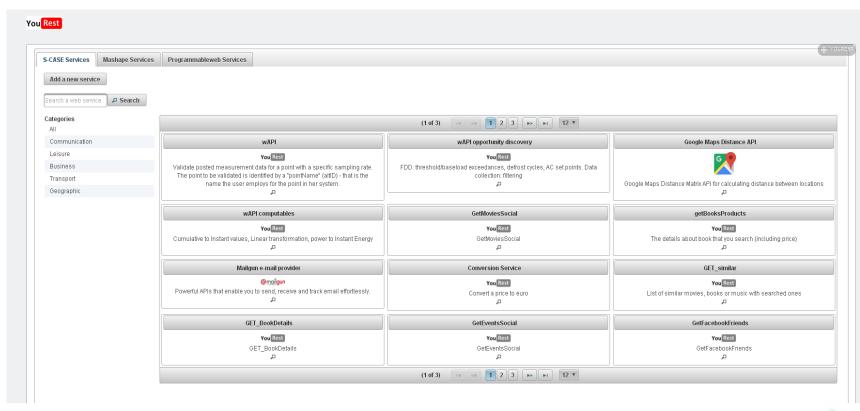
- A web directory for registering and exposing
- web services.

 Contains external services registered by the user or RESTful web services produced by the user or RESTful web services produced by the S-CASE MDE and Web Service Composition plug-ins.
 - Supports WSDL, WADL and RAML descriptions.





YouREST Interface

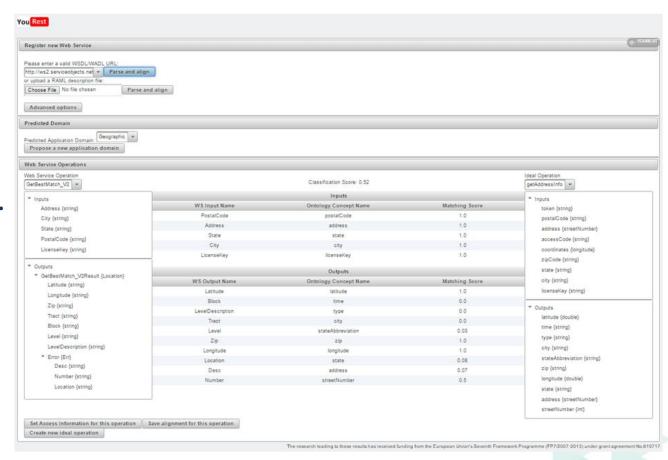




S CASE

Web service registration on YouRest

- •Semantic annotation of web services.
- •Three-level categorization.





Web Service Composition plug-in

Concept:

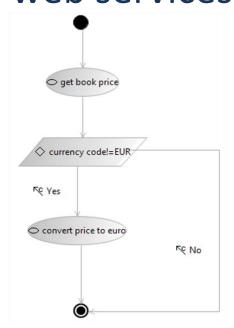
- •Match storyboard actions with YouREST services.
- Select services based on connectivity.
- Replace inputs by services.



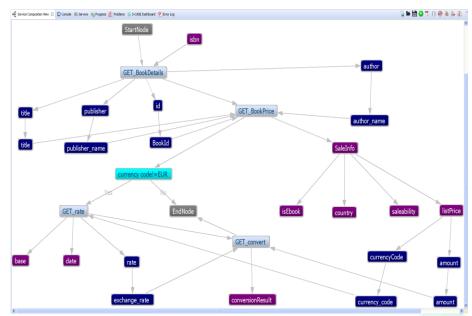


Import storyboards 🌬

Conversion of storyboard file to workflow of web services.









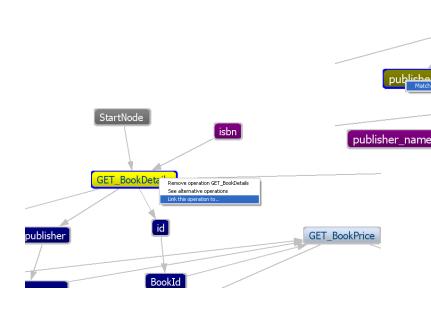
Manual composition

- Add operations
- Create conditions
- Create matches between input/output values.

Create connections







GET BookDetails

BookId



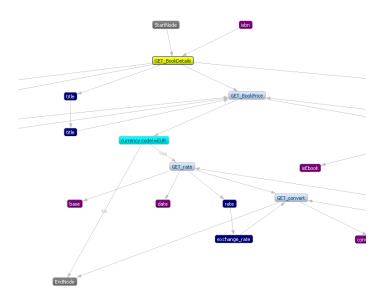


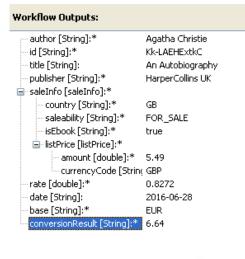
Fill input values

Invoke web services

Get output values





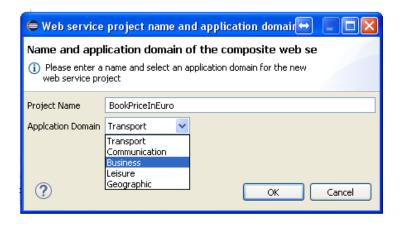




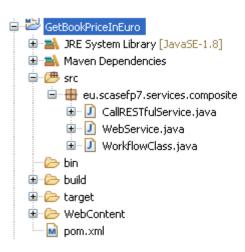
Generate composite web service



Java, Maven Dynamic web service.









Web Service Deployment



Details >>

No

- Build project and create WAR file.
- Deploy on server.
- Register the web service in YouREST.





Resource Path: rest/result/query

Would you like to update YouREST platform with the composite web service?

⇔

Thank you very much for your attention.



