

EAI Use Case Implementation Status



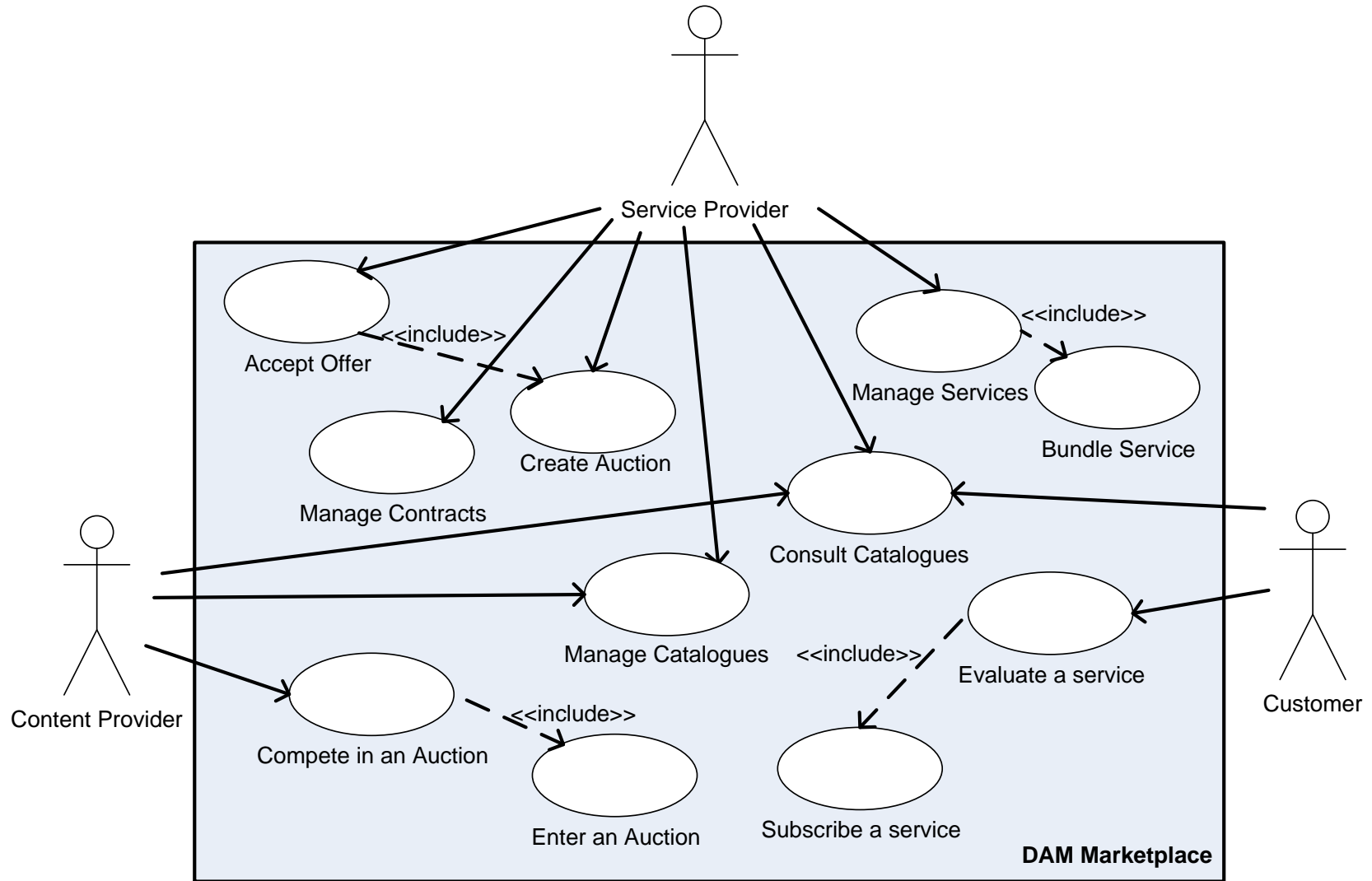
David de Francisco
Telefónica I+D
Galway, April 2008



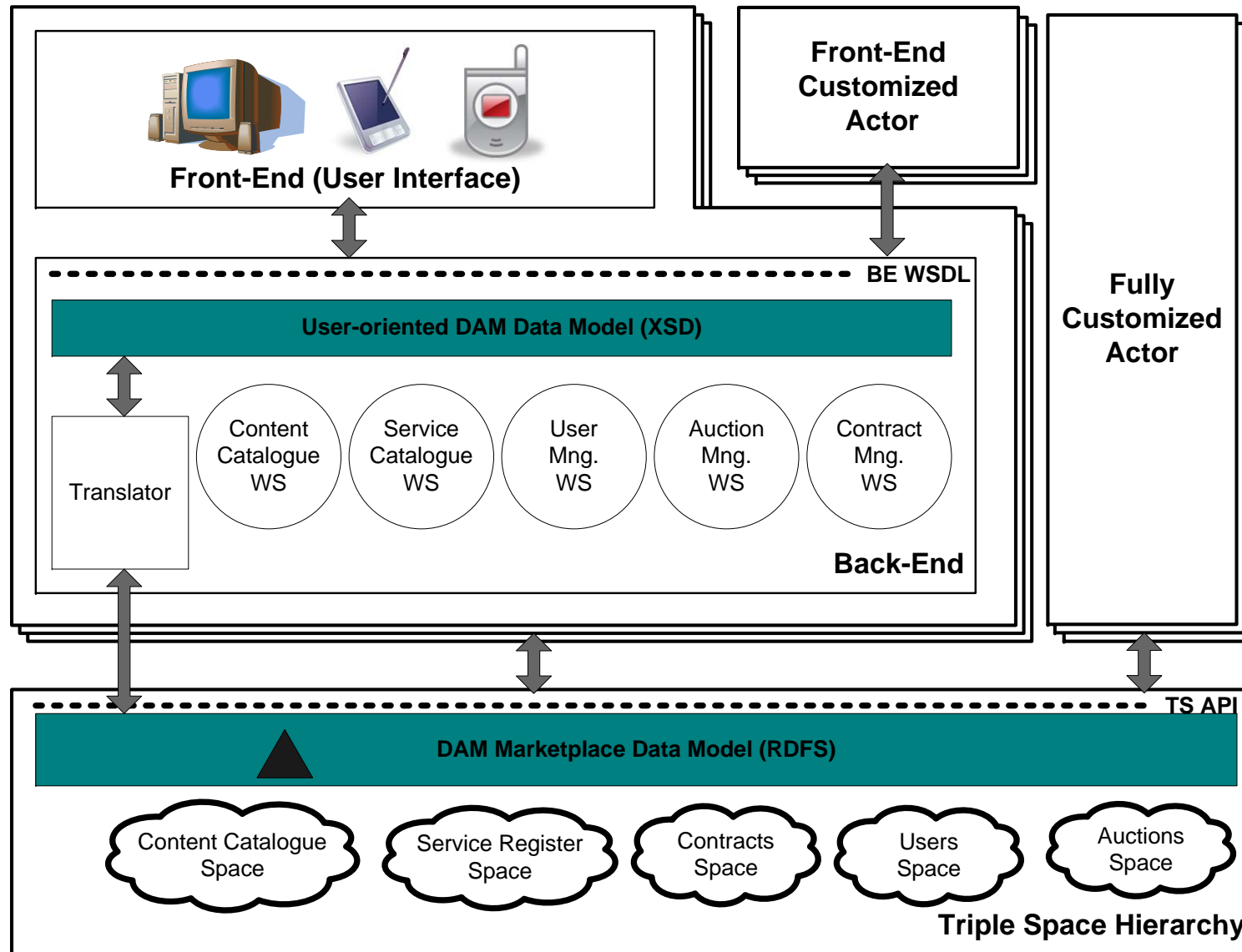
- Use Case Description
- What will be implemented by the Review
- What will not be implemented
- Next Steps

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Use Case Summary

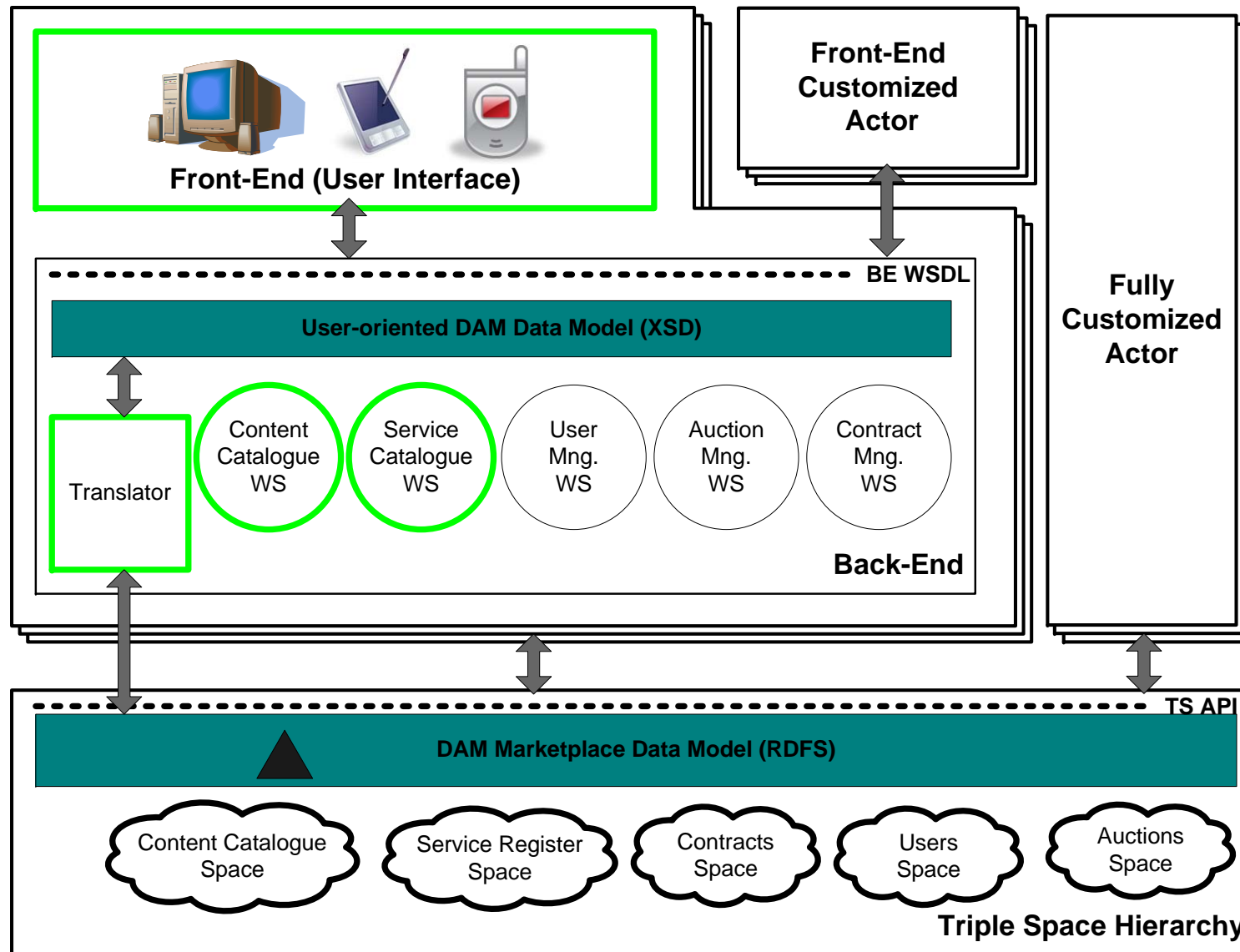


DAM Marketplace Architecture



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Review Functionality (I)



- Web interface (Demo)
 - Covers the user entry and return to ALL functionality
 - Invokes TS functionality via Web services
- Translator
 - Translates from WS data types to DAM ontology instances and the other way around
- Content Catalogue WS
 - Allows the publication and retrieval of content related information to and from catalogues
- Service Catalogue WS
 - The same for assembled content services

What will be able to show?

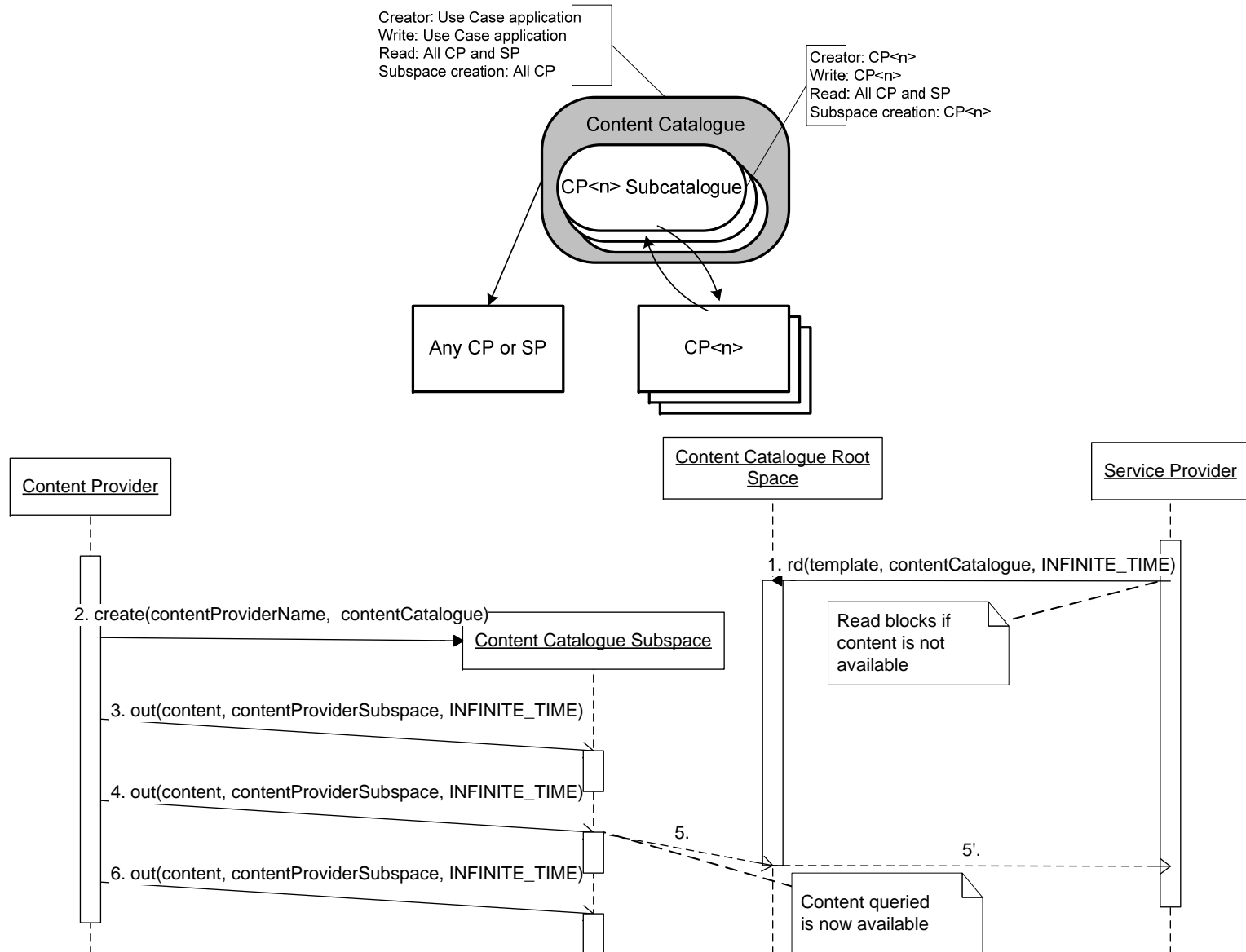


- Data operations
 - Publish data in catalogue
 - Retrieve data
 - “Complex queries” via SPARQL
- Web interface
- Simple reasoning?



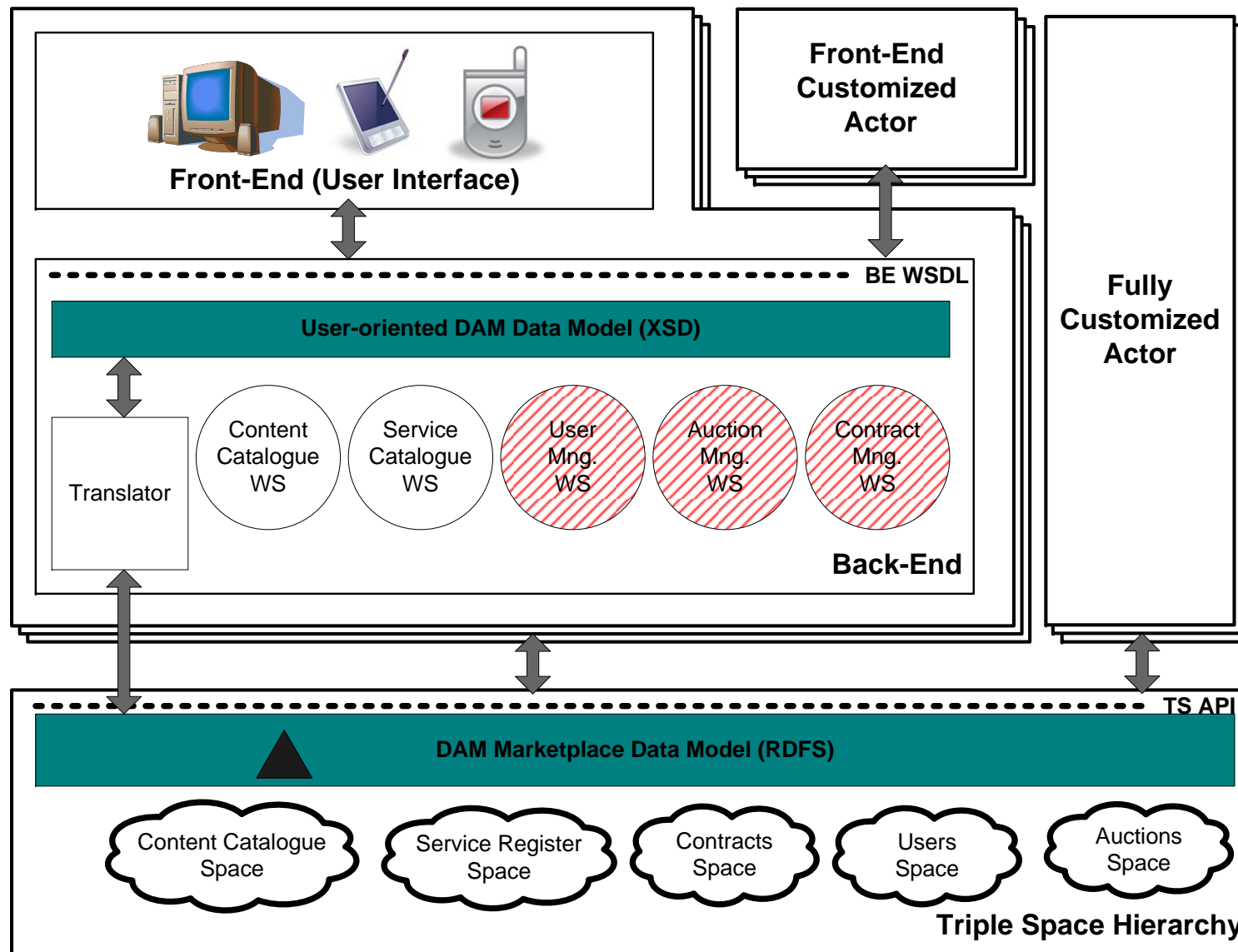
- Business Logic
 - Auction Management
 - Negotiation via subscription-notification
 - Dependencies management
- Conclusions
 - Benchmarking tests

Catalogue Management



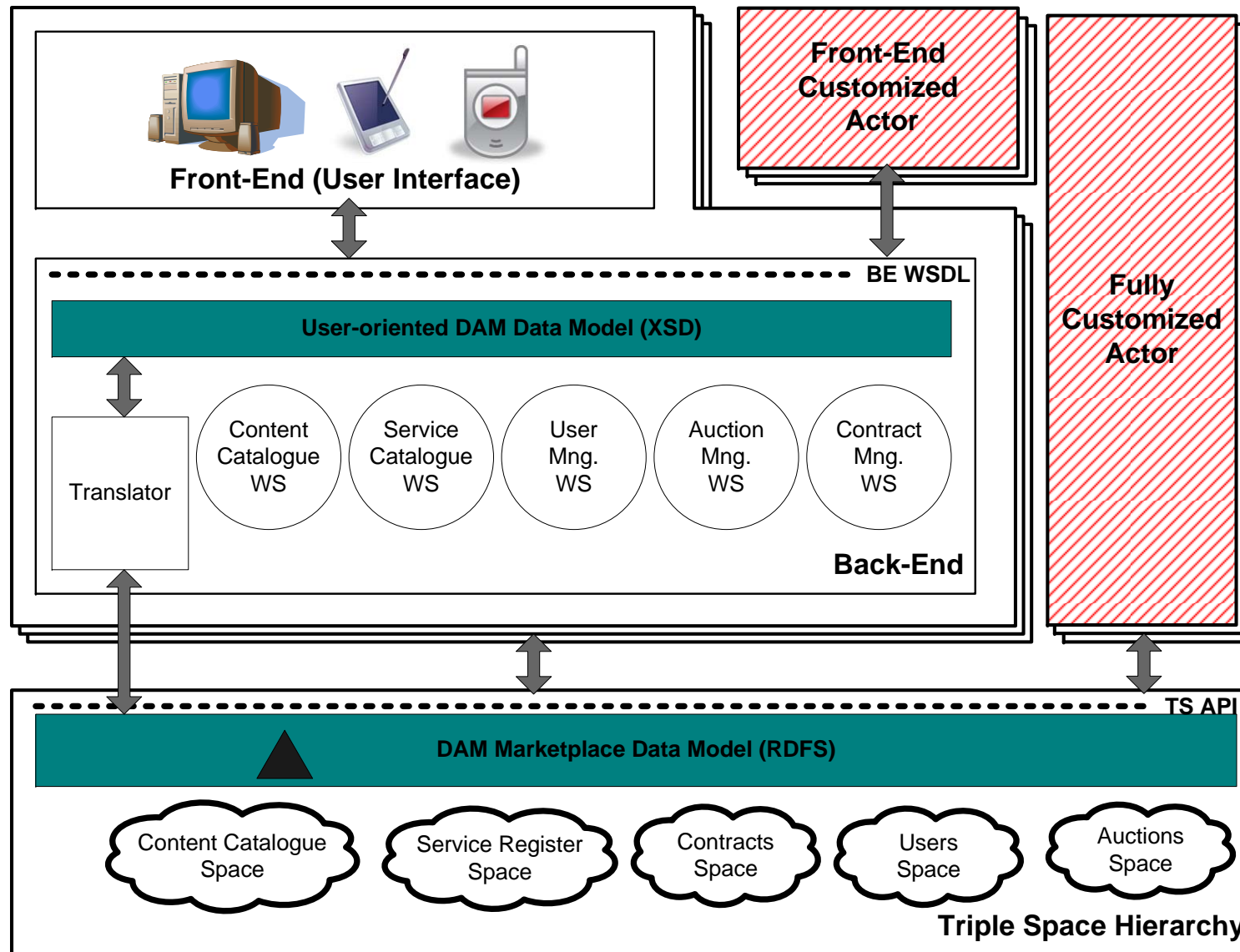
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Missing Functionality (I)



- User Management WS (Partially)
 - Missing notification to users when services go down
 - Missing subscription to new kind of contents and services
- Auction Management WS
 - Subscription and Notification are needed to conduct an auction.
 - Transaction seems to be necessary as well.
- Contract Management WS
 - Notification needed when a contract is changed

Missing Functionality (I)



- Can make use of TS infrastructure and ontology definition (Fully Customized) or the BE functionality as well (FE customized).
- Will be used for benchmarking purposes:
 - Implementation of a great number of clients of the marketplace.
 - Simulation of a real scenario
- Objective, to solve the question: Can TripCom used to implement a “real” scenario?
- *Note: Should we relate this to agents as reviewers pointed out?. I don't want!*

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- Translator Component is being refined (2 weeks)
 - Explicit mapping of XSD-RDFS models will be done

- Implementation of Catalogue WS (2 weeks)

- Refinement of the interface images

- What will we do with business logic?
 - Simulate it
 - Don't implement
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