Thoughts on Negotiation

GRAAP-Session III
11th September '06
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Two kinds of Negotiation

- ‘Haggling’ Negotiation when the Agreement is being made
  - I’ll leave to other people to discuss ☺
- ‘Modification’ Negotiation (Re-negotiation) which tries to modify an Agreement which has already been made (or Create a modified document)
  - More / Less Resources necessary
  - Different SLA’s (Akogrimo’s case)
  - Extension of expiration period

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What is needed in ‘Modification’ Renegotiation

- Ability to specify an already made Agreement
  - Resurrection of RelatedAgreement or EPR to the current Agreement
- Modification specification
  - SDT’s and expiration period.
  - Includes XPATH pointer (wsag:Location) to specify which SDT to modify
  - New value of SDT
- If we use EPRs (ie not RelatedAgreements) then implementation should be easy as most of the part can be borrowed from Agreement Template’s Creation Constraints
  - How about state management?
- Can Guarantee Terms be modified as easily or do we need more constraints?

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Cf. Creation Constraint Item in an Agreement Template

- An offer item specifies the requirement for the presence in the agreement offer terms of a field and a value for that field. It contains a label, a pointer to the position of the field in the terms of the offer and also MAY contain a definition of its acceptable values in the form of a restriction of its value space.

```
<wsag:Item>
  <wsag:Location>//jsdl:IndividualCPUCount</wsag:Location>
  <wsag:Constraint>
    <xsd:sequence>
      <xsd:element name="Exact" minOccurs="1"
                   maxOccurs="unbounded">
        <xsd:simpleType>
          <xsd:restriction base="xsd:double">
            <xsd:enumeration value="1"/>
            <xsd:enumeration value="2"/>
            <xsd:enumeration value="4"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  <wsag:Constraint>
</wsag:Item>
```

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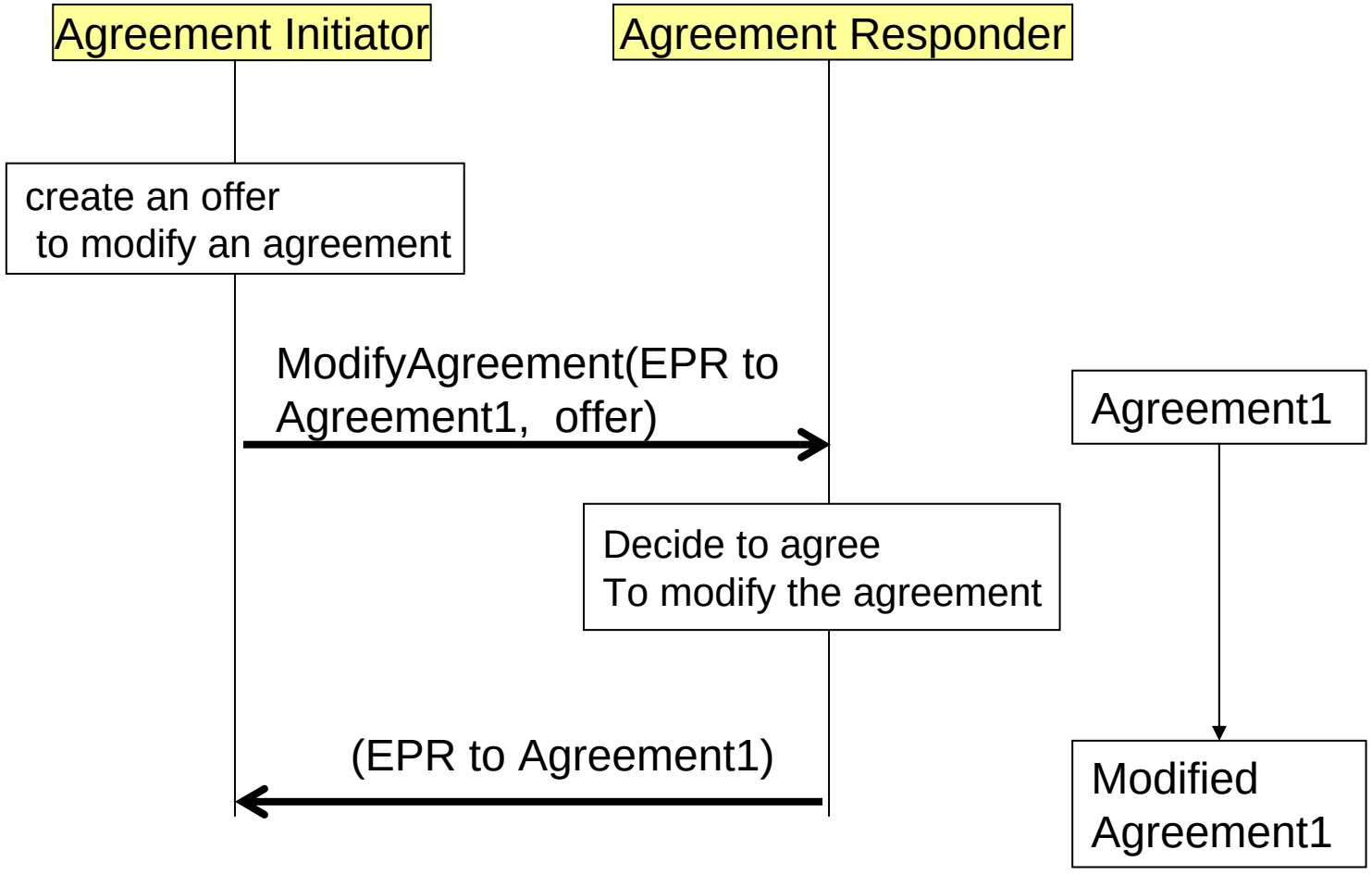
Sequence(1)



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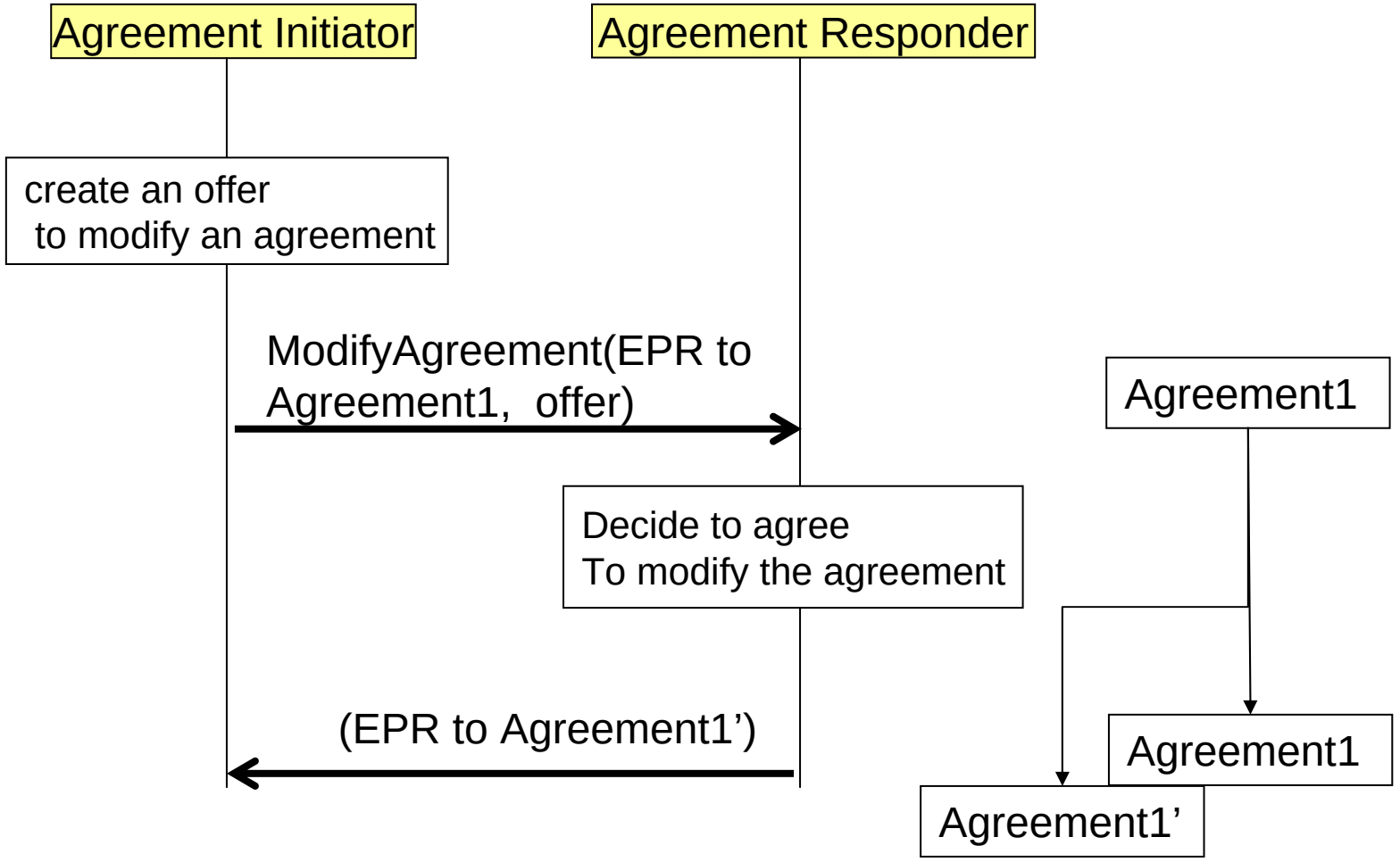
Sequence(1.5)



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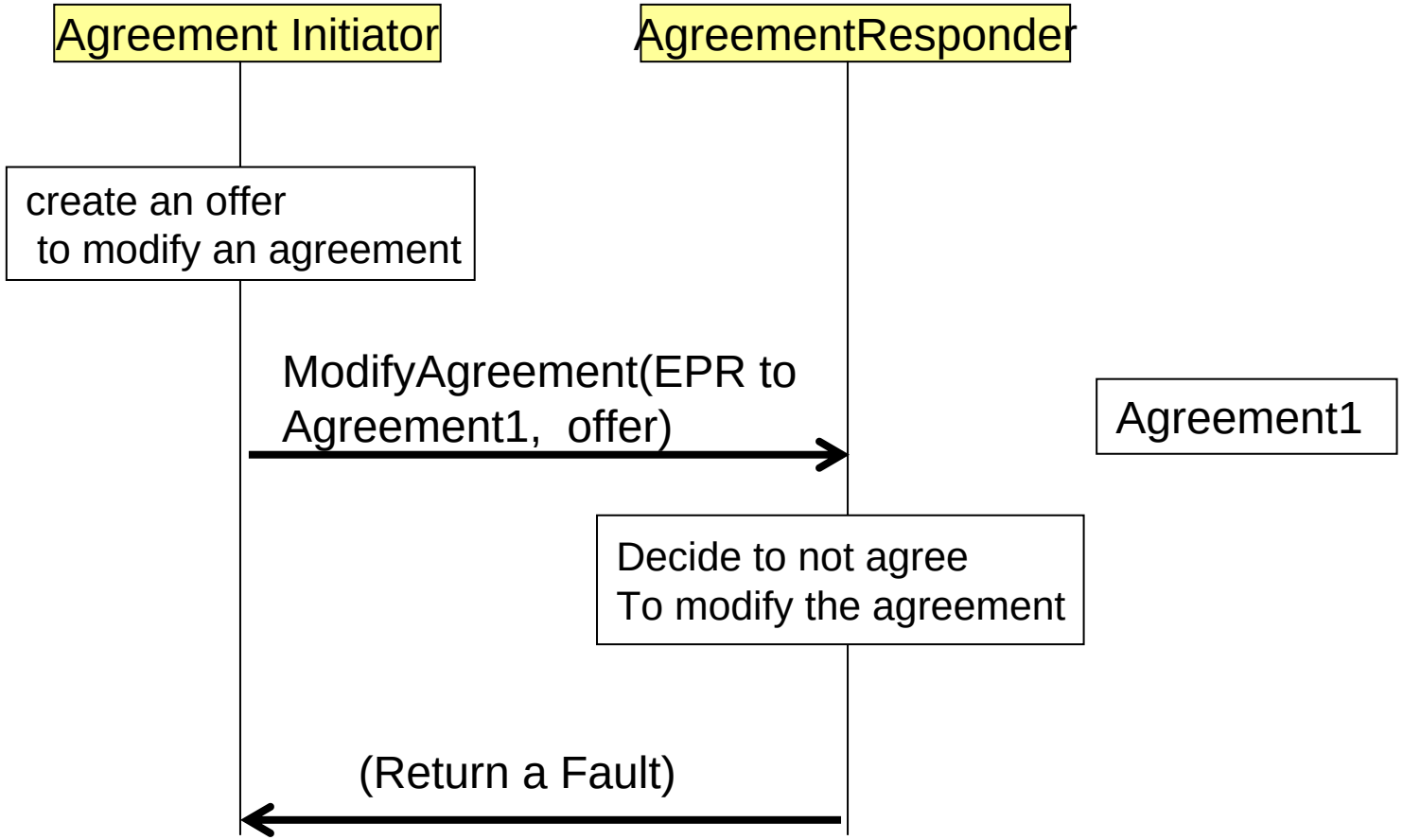
Sequence(2)



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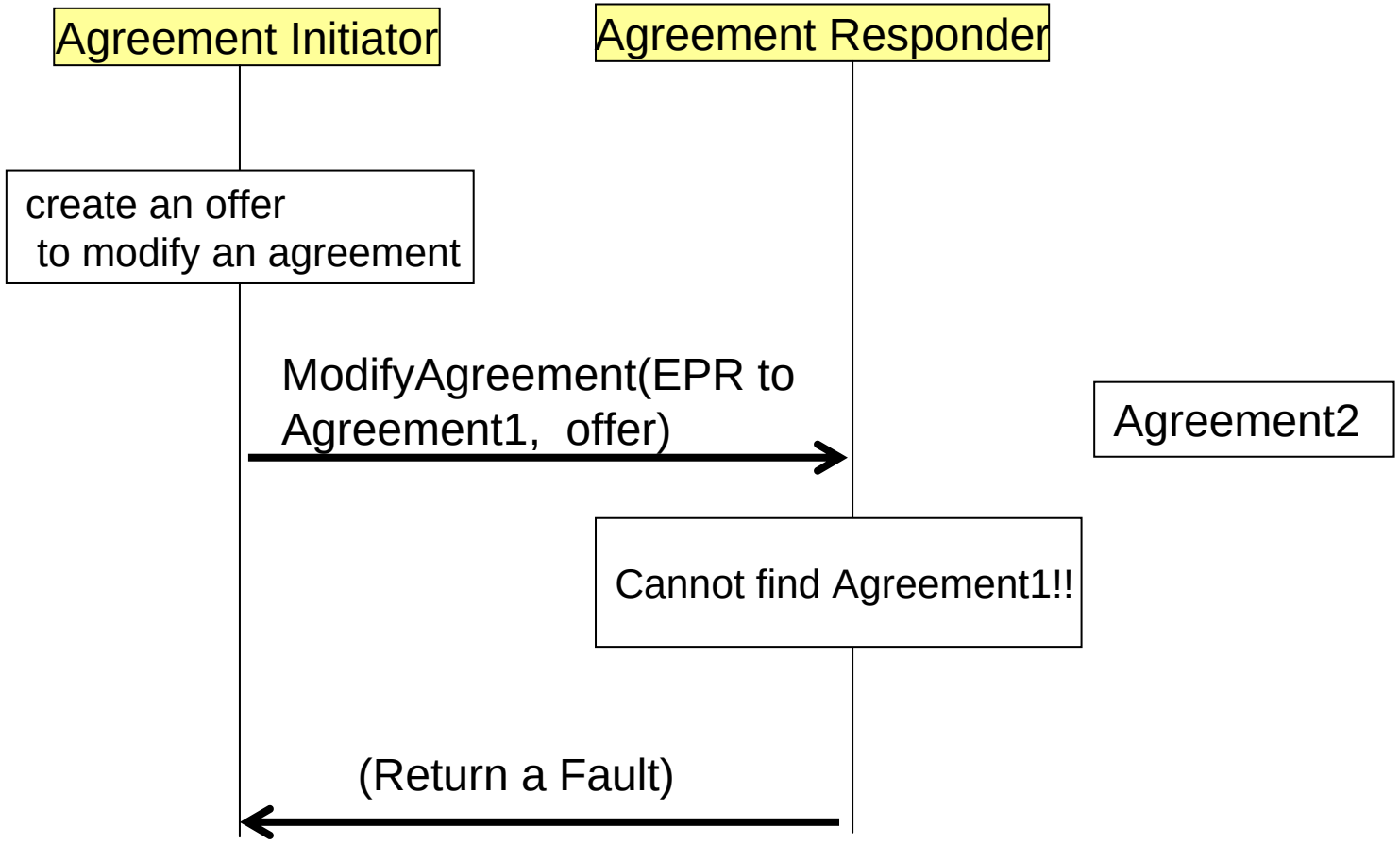
Sequence(3)



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What happens in case Agreement Responder refuses to modify the Agreement?

- Out of scope of the spec.
- Agreement Initiator can continue or Terminate the original Agreement

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