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<?xml version="1.0" encoding="utf-8"?>

<!DOCTYPE rdf:RDF [
  <!ENTITY okar      "http://www.labs.fujitsu.com/jp/techinfo/okar/0.92#" >
  <!ENTITY vcard     "http://www.w3.org/2001/vcard-rdf/3.0#" >
  <!ENTITY ical      "http://www.w3.org/2002/12/cal/ical#" >
  <!ENTITY dc        "http://purl.org/dc/elements/1.1/" >
  <!ENTITY dcterms   "http://purl.org/dc/terms/" >
]>

<rdf:RDF
  xmlns:okar      = "&okar;"
  xmlns:vcard     = "&vcard;"
  xmlns:ical      = "&ical;"
  xmlns:dc        = "&dc;"
  xmlns:dcterms   = "&dcterms;"
  xmlns:rdf       = "http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:rdfs      = "http://www.w3.org/2000/01/rdf-schema#"
  xmlns:owl       = "http://www.w3.org/2002/07/owl#"
  xml:base       = "http://www.labs.fujitsu.com/jp/techinfo/okar/sample"
>

<owl:Ontology>
  <rdfs:label xml:lang="en">Instance Sample: OKAR Working Group</rdfs:label>
  <rdfs:label xml:lang="ja">インスタンスサンプル: OKAR ワーキンググループ</rdfs:label>
  <rdfs:comment xml:lang="en">
    This sample shows the real activities of OKAR WG (not full description).
    There are two companies (RICOH & Fujitsu) that include several
    subunits (regular unit) and the OKAR WG (temporary unit). There
    are also some event (top meetings, OKAR WG meetings) and some
    documents.
    This sample shows the relationship between each classes of OKAR
    and is the most general example of describing the knowledge
    activities using OKAR. This sample includes some interesting
    description such as following.
    + "RICOH & Fujitsu Alliance Project" was belong to both RICOH
      subunit and Fujitsu subunit as "okar:temporaryGroupMember."
    + Every attendee participated in "Pre-Meeting" as their company's
      role. After "Pre Meeting", every attendee participated as
      their project's role.
    + One person knows the company's role of his colleague who is
      belong to the same company. But he knows only the project's
      role of the working group member who is belong to the different
      company.
  </rdfs:comment>
  <rdfs:comment xml:lang="ja">
    このサンプルは、OKARワーキンググループの実際の活動を記述した例です
    (概略のみ)。いくつかの下位組織を含む2つの会社(リコーと富士通)と、
    OKARワーキンググループが示されています。また、トップミーティングや
    グループミーティングなどいくつかのイベントや、いくつかのドキュメン
    トが示されています。
    このサンプルは、OKARの各クラス間の関係を示しており、OKARを用いて知
    的活動を記述した最も一般的な例です。これには、以下のようないくつか
    の特徴的な記述が含まれています。
    + "リコーと富士通アライアンスプロジェクト"はリコーの下位組織と富士
      通の下位組織の両方に"okar:temporaryGroupMember"として属しています。
    + "プレミーティング"には、全て参加者は会社のRoleで参加しましたが、
      "プレミーティング"以降は、プロジェクトのRoleで参加しました。
    + ある人は、同じ会社の人の子会社のRoleは知っていますが、別の会社の人
      はプロジェクトのRoleしか知りません。
  </rdfs:comment>
  <owl:imports>
    <owl:Ontology rdf:about="&okar;"/>
  </owl:imports>

  <owl:versionInfo>$Id: $</owl:versionInfo>

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</owl:Ontology>

<!-- *** Organization *** -->

<!-- RICOH -->

<okar:Organization rdf:about="#org:ricoh">
  <vcard:FN>RICOH Company LTD.</vcard:FN>
  <okar:regularGroupMember rdf:resource="#role:ricoh:src"/>
</okar:Organization>

<okar:Organization rdf:about="#org:ricoh:src">

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<vcard:FN>Software R&D Group</vcard:FN>
<okar:leader rdf:resource="#role:maguro:0"/>
<okar:regulerGroupMember rdf:resource="#role:ricoh:src:lab_us"/>
<okar:temporaryGroupMember rdf:resource="#role:ricoh-fujitsu:alliance"/>
<okar:hasRole>
  <okar:Role rdf:about="#role:ricoh:src">
    <okar:owner rdf:resource="#org:ricoh:src"/>
  </okar:Role>
</okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:ricoh:src:lab_us">
  <vcard:FN>Ubiquitous Solution Laboratories</vcard:FN>
  <okar:leader rdf:resource="#role:katsuo:0"/>
  <okar:regulerMember rdf:resource="#role:aji:0"/>
  <okar:regulerMember rdf:resource="#role:hirame:0"/>
  <okar:hasRole>
    <okar:Role rdf:about="#role:ricoh:src:lab_us">
      <okar:owner rdf:resource="#org:ricoh:src:lab_us"/>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<!-- FUJITSU -->

<okar:Organization rdf:about="#org:fujitsu">
  <vcard:FN>Fujitsu Limited.</vcard:FN>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs"/>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs">
  <vcard:FN>Fujitsu Laboratories LTD.</vcard:FN>
  <okar:regulerMember rdf:resource="#role:yagi:0"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:itm"/>
  <okar:temporaryGroupMember rdf:resource="#role:ricoh-fujitsu:alliance"/>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs">
      <okar:owner rdf:resource="#org:fujitsu:labs"/>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:itm">
  <vcard:FN>IT Media Laboratories</vcard:FN>
  <okar:leader rdf:resource="#role:uma:0"/>
  <okar:regulerMember rdf:resource="#role:hitsuji:0"/>
  <okar:regulerMember rdf:resource="#role:shika:0"/>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:itm">
      <okar:owner rdf:resource="#org:fujitsu:labs:itm"/>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<!-- OKAR Project -->

<okar:Organization rdf:about="#org:ricoh-fujitsu:alliance">
  <vcard:FN>RICOH & Fujitsu Alliance Project</vcard:FN>
  <okar:leader rdf:resource="#role:maguro:1"/>
  <okar:leader rdf:resource="#role:yagi:1"/>
  <okar:regulerMember rdf:resource="#role:katsuo:1"/>
  <okar:regulerMember rdf:resource="#role:uma:1"/>
  <okar:regulerGroupMember rdf:resource="#role:ricoh-fujitsu:alliance:okar:wg"/>
  <vcard:BDAY>2004-04-01</vcard:BDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:ricoh-fujitsu:alliance">
      <okar:owner rdf:resource="#org:ricoh-fujitsu:alliance"/>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:ricoh-fujitsu:alliance:okar:wg">
  <vcard:FN>OKAR Working Group</vcard:FN>
  <okar:leader rdf:resource="#role:aji:1"/>
  <okar:leader rdf:resource="#role:hitsuji:1"/>
  <okar:regulerMember rdf:resource="#role:hirame:1"/>
  <okar:regulerMember rdf:resource="#role:shika:1"/>
  <vcard:BDAY>2004-04-01</vcard:BDAY>
  <okar:DDAY>2005-04-01</okar:DDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:ricoh-fujitsu:alliance:okar:wg">

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    <okar:owner rdf:resource="#org:ricoh-fujitsu:alliance:okar:wg"/>
  </okar:Role>
</okar:hasRole>
</okar:Organization>
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<!-- *** Person *** -->
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<!-- RICOH -->
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<okar:Person rdf:about="#person:maguro">
  <vcard:FN>Maguro Yoshiko</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:maguro:0">
      <okar:owner rdf:resource="#person:maguro"/>
      <vcard:TITLE>General Manager</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:maguro:1">
      <okar:owner rdf:resource="#person:maguro"/>
      <vcard:TITLE>Chairman</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
</okar:Person>
```

```
<okar:Person rdf:about="#person:katsuo">
  <vcard:FN>Katsuo Ikabushi</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:katsuo:0">
      <okar:owner rdf:resource="#person:katsuo"/>
      <vcard:TITLE>Director</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:katsuo:1">
      <okar:owner rdf:resource="#person:katsuo"/>
      <vcard:TITLE>Vice Chairman</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
</okar:Person>
```

```
<okar:Person rdf:about="#person:aji">
  <vcard:FN>Aji Minoru</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:aji:0">
      <okar:owner rdf:resource="#person:aji"/>
      <vcard:TITLE>Chief Scientist</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:aji:1">
      <okar:owner rdf:resource="#person:aji"/>
      <vcard:TITLE>OKAR Working Group Leader</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:mate rdf:resource="#role:hirame:0"/>
  <okar:mate rdf:resource="#role:hitsuji:1"/>
  <okar:mate rdf:resource="#role:shika:1"/>
</okar:Person>
```

```
<okar:Person rdf:about="#person:hirame">
  <vcard:FN>Hirame Wakaba</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:hirame:0">
      <okar:owner rdf:resource="#person:hirame"/>
      <vcard:TITLE>Scientist</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:hirame:1">
      <okar:owner rdf:resource="#person:hirame"/>
    </okar:Role>
  </okar:hasRole>
  <okar:mate rdf:resource="#role:aji:0"/>
  <okar:mate rdf:resource="#role:hitsuji:1"/>
  <okar:mate rdf:resource="#role:shika:1"/>
</okar:Person>
```

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<!-- FUJITSU -->
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<okar:Person rdf:about="#person:yagi">
  <vcard:FN>Yagi Toshio</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:yagi:0">
      <okar:owner rdf:resource="#person:yagi"/>
      <vcard:TITLE>Senior Vice President</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:yagi:1">
      <okar:owner rdf:resource="#person:yagi"/>
      <vcard:TITLE>Chairman</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
</okar:Person>

<okar:Person rdf:about="#person:uma">
  <vcard:FN>Uma Tsuka</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:uma:0">
      <okar:owner rdf:resource="#person:uma"/>
      <vcard:TITLE>Director</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:uma:1">
      <okar:owner rdf:resource="#person:uma"/>
      <vcard:TITLE>Vice Chairman</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
</okar:Person>

<okar:Person rdf:about="#person:hitsuji">
  <vcard:FN>Hitsuji Kenji</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:hitsuji:0">
      <okar:owner rdf:resource="#person:hitsuji"/>
      <vcard:TITLE>Manager</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:hitsuji:1">
      <okar:owner rdf:resource="#person:hitsuji"/>
      <vcard:TITLE>OKAR Working Group Leader</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:mate rdf:resource="#role:shika:0"/>
  <okar:mate rdf:resource="#role:aji:1"/>
  <okar:mate rdf:resource="#role:hirame:1"/>
</okar:Person>

<okar:Person rdf:about="#person:shika">
  <vcard:FN>Shika Metsura</vcard:FN>
  <okar:hasRole>
    <okar:Role rdf:about="#role:shika:0">
      <okar:owner rdf:resource="#person:shika"/>
      <vcard:TITLE>Scientist</vcard:TITLE>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:shika:1">
      <okar:owner rdf:resource="#person:shika"/>
    </okar:Role>
  </okar:hasRole>
  <okar:mate rdf:resource="#role:hitsuji:0"/>
  <okar:mate rdf:resource="#role:aji:1"/>
  <okar:mate rdf:resource="#role:hirame:1"/>
</okar:Person>

<!-- *** Event *** -->

<!-- Top Meeting -->
<okar:GroupEvent rdf:about="#event:ricoh-fujitsu:alliance:pre">
  <ical:summary>Pre-Meeting</ical:summary>
  <ical:dtstart>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2003-11-19T15:00:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtstart>
  <ical:dtend>

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    <ical:Value_DATE-TIME>
      <ical:dateTime>2003-11-19T17:00:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtend>
  <ical:attendee rdf:resource="#role:maguro:0"/>
  <ical:attendee rdf:resource="#role:katsuo:0"/>
  <ical:attendee rdf:resource="#role:yagi:0"/>
  <ical:attendee rdf:resource="#role:uma:0"/>
</okar:GroupEvent>

<okar:GroupEvent rdf:about="#event:ricoh-fujitsu:alliance:1">
  <ical:summary>1st Top Meeting</ical:summary>
  <ical:dtstart>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2004-04-23T15:30:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtstart>
  <ical:dtend>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2004-04-23T17:30:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtend>
  <ical:organizer rdf:resource="#role:ricoh-fujitsu:alliance"/>
  <ical:attendee rdf:resource="#role:maguro:1"/>
  <ical:attendee rdf:resource="#role:katsuo:1"/>
  <ical:attendee rdf:resource="#role:aji:1"/>
  <ical:attendee rdf:resource="#role:yagi:1"/>
  <ical:attendee rdf:resource="#role:uma:1"/>
  <ical:attendee rdf:resource="#role:hitsuji:1"/>
  <ical:attach rdf:resource="#doc:ricoh-fujitsu:alliance:1-1"/>
</okar:GroupEvent>

<!-- Working Group -->

<okar:GroupEvent rdf:about="#event:ricoh-fujitsu:alliance:okar:wg:1">
  <ical:summary>1st OKAR Working Group Meeting</ical:summary>
  <ical:dtstart>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2004-04-15T14:00:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtstart>
  <ical:dtend>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2004-04-15T17:30:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtend>
  <ical:organizer rdf:resource="#role:ricoh-fujitsu:alliance:okar:wg"/>
  <ical:attendee rdf:resource="#role:aji:1"/>
  <ical:attendee rdf:resource="#role:hirame:1"/>
  <ical:attendee rdf:resource="#role:hitsuji:1"/>
  <ical:attendee rdf:resource="#role:shika:1"/>
  <ical:attach rdf:resource="#doc:ricoh-fujitsu:alliance:okar:wg:1-1"/>
  <ical:attach rdf:resource="#doc:ricoh-fujitsu:alliance:okar:wg:1-2"/>
</okar:GroupEvent>

<okar:GroupEvent rdf:about="#event:ricoh-fujitsu:alliance:okar:wg:12">
  <ical:summary>12th OKAR Working Group Meeting</ical:summary>
  <ical:dtstart>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2005-03-18T14:00:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtstart>
  <ical:dtend>
    <ical:Value_DATE-TIME>
      <ical:dateTime>2005-03-18T17:30:00</ical:dateTime>
    </ical:Value_DATE-TIME>
  </ical:dtend>
  <ical:organizer rdf:resource="#role:ricoh-fujitsu:alliance:okar:wg"/>
  <ical:attendee rdf:resource="#role:aji:1"/>
  <ical:attendee rdf:resource="#role:hirame:1"/>
  <ical:attendee rdf:resource="#role:hitsuji:1"/>
  <ical:attendee rdf:resource="#role:shika:1"/>
  <ical:attach rdf:resource="#doc:ricoh-fujitsu:alliance:okar:wg:12-1"/>
</okar:GroupEvent>

<!-- *** Artifact *** -->

<!-- the fruits of OKAR WG -->

<okar:Document rdf:about="http://www.labs.fujitsu.com/jp/techinfo/okar">
  <dc:title>Homepage for OKAR</dc:title>

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<dc:date>2005-02-01</dc:date>
<dc:creator rdf:resource="#role:ricoh-fujitsu:alliance:okar:wg"/>
</okar:Document>

<okar:Document rdf:about="http://www.labs.fujitsu.com/en/techinfo/okar/guide_20050331en.pdf">
  <dc:title>OKAR Guide Draft 2005-03-31</dc:title>
  <dc:date>2005-03-31</dc:date>
  <dc:creator rdf:resource="#role:ricoh-fujitsu:alliance:okar:wg"/>
</okar:Document>

<!-- Meeting Material -->

<okar:Document rdf:about="#doc:ricoh-fujitsu:alliance:1-1">
  <dc:title>RICOH & Fujitsu Alliance</dc:title>
  <dc:date>2003-12-11</dc:date>
  <dc:publisher rdf:resource="#role:fujitsu:labs"/>
</okar:Document>

<okar:Document rdf:about="#doc:ricoh-fujitsu:alliance:okar:wg:1-1">
  <dc:title>Research Report: HR-XML, HumanML, ContactXML</dc:title>
  <dc:date>2004-04-15</dc:date>
  <dc:creator rdf:resource="#role:aji:1"/>
</okar:Document>

<okar:Document rdf:about="#doc:ricoh-fujitsu:alliance:okar:wg:1-2">
  <dc:title>Fujitsu KnowWho System</dc:title>
  <dc:date>2004-04-15</dc:date>
  <dc:creator rdf:resource="#role:hitsuji:1"/>
</okar:Document>

<okar:Document rdf:about="#doc:ricoh-fujitsu:alliance:okar:wg:12-1">
  <dc:title>ToDo List for OKAR 1.0</dc:title>
  <dc:date>2005-03-18</dc:date>
  <dc:creator rdf:resource="#role:shika:1"/>
</okar:Document>

<!-- Etc -->
<!-- not defined in &ical; -->
<owl:DatatypeProperty rdf:about="&ical:dateTime"/>

</rdf:RDF>
```