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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: Change of Organization</rdfs:label>
  <rdfs:label xml:lang="ja">インスタンスサンプル: 組織変更</rdfs:label>
  <rdfs:comment xml:lang="en">
    This sample shows the change of organization. It is a example of
    how to describe organization's role.
    There are one laboratory, three divisions, four teams, and some
    change of organization. This sample includes the following statements.
    + "Language Processing Division" had been from 2002-06-21 to
      2004-06-20, and consisted of "OCR Team" and "IR Team".
    + "Intelligent Systems Division" has been from 1995-06-21 and
      joined "Fujitsu Laboratories LTD." at 1998-06-21.
      This division has consisted of:
      - from 1995-06-21 to 1998-06-20: "KM Team"
      - from 1998-06-21 to 2004-06-20: "KM Team" and "MT Team"
      - from 2004-06-21 to now: "KM Team" and "IR Team"
    + "Language & Media Division" has been from 2004-06-21 and
      consists of "OCR Team" and "MT Team".
  </rdfs:comment>
  <rdfs:comment xml:lang="ja">
    このサンプルは組織変更を示したものであり、主に組織のRoleの記述の仕
    方に関する例です。1つの研究所、3つの部、4つのチームといくつか
    の組織変更があり、以下のような内容を含んでいます。
    + 「言語処理研究部」は、2002年6月21日から2004年6月20日まで存在し、
      「OCRチーム」と「IRチーム」から構成されていました。
    + 「知能システム研究部」は、1995年6月21日から存在し、1998年6月21日
      に「富士通研究所」に編成されました。この部は、
      - 1995年6月21日?1998年6月20日: 「KMチーム」
      - 1998年6月21日?2004年6月20日: 「KMチーム」と「MTチーム」
      - 2004年6月21日?現在: 「KMチーム」と「IRチーム」
      で構成されています。
    + 「言語メディア研究部」は、2004年6月21日に新設され、「OCRチーム」
      と「MTチーム」から構成されています。
  </rdfs:comment>
  <owl:imports>
    <owl:Ontology rdf:about="&okar;"/>
  </owl:imports>

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

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</owl:Ontology>

<!-- Laboratory -->

<okar:Organization rdf:about="#org:fujitsu:labs">
  <vcard:FN>Fujitsu Laboratories LTD.</vcard:FN>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:ling"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:iins"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:media"/>
</okar:Organization>

<!-- Division -->

<okar:Organization rdf:about="#org:fujitsu:labs:ling">
  <vcard:FN>Language Processing Division</vcard:FN>
  <vcard:BDAY>2002-06-21</vcard:BDAY>
  <okar:DDAY>2004-06-20</okar:DDAY>

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<okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:ocr-team:0"/>
<okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:ir-team:0"/>
<okar:hasRole>
  <okar:Role rdf:about="#role:fujitsu:labs:ling">
    <okar:owner rdf:resource="#org:fujitsu:labs:ling"/>
    <vcard:BDAY>2002-06-21</vcard:BDAY>
    <okar:DDAY>2004-06-20</okar:DDAY>
  </okar:Role>
</okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:iins">
  <vcard:FN>Intelligent Systems Division</vcard:FN>
  <vcard:BDAY>1995-06-21</vcard:BDAY>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:mt-team:0"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:km-team:0"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:ir-team:1"/>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:iins">
      <okar:owner rdf:resource="#org:fujitsu:labs:iins"/>
      <vcard:BDAY>1998-06-21</vcard:BDAY>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:media">
  <vcard:FN>Language & Media Division</vcard:FN>
  <vcard:BDAY>2004-06-21</vcard:BDAY>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:ocr-team:1"/>
  <okar:regulerGroupMember rdf:resource="#role:fujitsu:labs:mt-team:1"/>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:media">
      <okar:owner rdf:resource="#org:fujitsu:labs:media"/>
      <vcard:BDAY>2004-06-21</vcard:BDAY>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<!-- Team -->

<okar:Organization rdf:about="#org:fujitsu:labs:mt-team">
  <vcard:FN>Machine Translation (MT) Team</vcard:FN>
  <vcard:BDAY>1985-04-21</vcard:BDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:mt-team:0">
      <okar:owner rdf:resource="#org:fujitsu:labs:mt-team"/>
      <vcard:BDAY>1998-06-21</vcard:BDAY>
      <okar:DDAY>2004-06-20</okar:DDAY>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:mt-team:1">
      <okar:owner rdf:resource="#org:fujitsu:labs:mt-team"/>
      <vcard:BDAY>2004-06-21</vcard:BDAY>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:ocr-team">
  <vcard:FN>Optical Character Recognition (OCR) Team</vcard:FN>
  <vcard:BDAY>1990-04-21</vcard:BDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:ocr-team:0">
      <okar:owner rdf:resource="#org:fujitsu:labs:ocr-team"/>
      <vcard:BDAY>2002-06-21</vcard:BDAY>
      <okar:DDAY>2004-06-20</okar:DDAY>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:ocr-team:1">
      <okar:owner rdf:resource="#org:fujitsu:labs:ocr-team"/>
      <vcard:BDAY>2004-06-21</vcard:BDAY>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:km-team">
  <vcard:FN>Knowledge Management (KM) Team</vcard:FN>
  <vcard:BDAY>1995-06-21</vcard:BDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:km-team:0">

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    <okar:owner rdf:resource="#org:fujitsu:labs:km-team"/>
    <vcard:BDAY>1995-06-21</vcard:BDAY>
  </okar:Role>
</okar:hasRole>
</okar:Organization>

<okar:Organization rdf:about="#org:fujitsu:labs:ir-team">
  <vcard:FN>Information Retrieval (IR) Team</vcard:FN>
  <vcard:BDAY>1997-04-21</vcard:BDAY>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:ir-team:0">
      <okar:owner rdf:resource="#org:fujitsu:labs:ir-team"/>
      <vcard:BDAY>2002-06-21</vcard:BDAY>
      <okar:DDAY>2004-06-20</okar:DDAY>
    </okar:Role>
  </okar:hasRole>
  <okar:hasRole>
    <okar:Role rdf:about="#role:fujitsu:labs:ir-team:1">
      <okar:owner rdf:resource="#org:fujitsu:labs:ir-team"/>
      <vcard:BDAY>2004-06-21</vcard:BDAY>
    </okar:Role>
  </okar:hasRole>
</okar:Organization>

</rdf:RDF>
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