BÚSQUEDA SEMÁNTICA EN UN REPOSITORIO DE PROCESOS

DE NEGOCIO

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ANEXO No 2.

ENTORNO DE MODELADO DE LOS PROCESOS DE NEGOCIO
(MODELADOR BPMO 1.4)

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POPAYÁN

2010

ANEXO No 2. ENTORNO DE MODELADO DE LOS PROCESOS DE NEGOCIO (MODELADOR BPMO 1.4)

Para llevar a cabo el modelado de los modelos de procesos en la notación BPMO (Modelos BP), fue empleado el BPMO Modeler 1.4, el cual es un plugin del WSMO Studio [61]; éste último es un EMF (Eclipse Modeling Framework) para desarrollo de proyectos de software semántico. El Modelador BPMO (Figura 1) provee una gran variedad de funcionalidades, entre las cuales están:
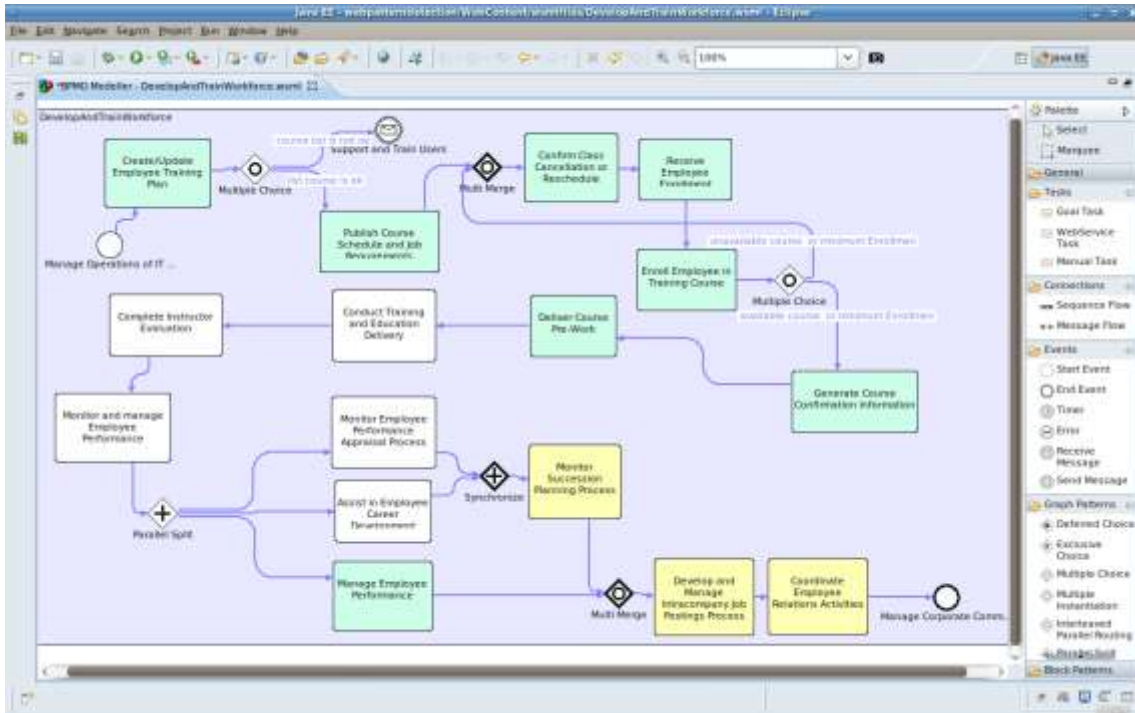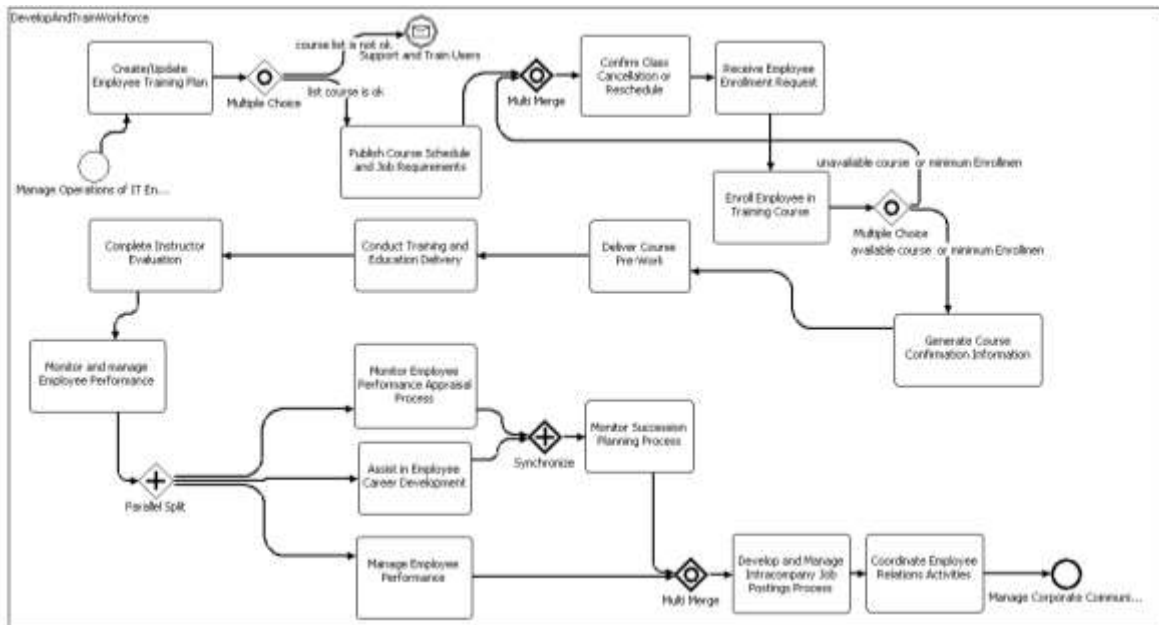

Figura 1. Modelador WSMO Studio.

- **WSMO editor plugin** es usado para crear las descripciones de todos los elementos WSML: ontologías, servicios, objetivos y mediadores.
- **Editor de Coreografía** es usado para crear las descripciones centrales de las coreografías de los servicios en WSMO.
- Permite la conexión remota a ontologías, objetivos y repositorios de servicios desde su interfaz de usuario.
- **Validador WSML** es usado para detectar problemas e inconsistencias dentro de las descripciones en los elementos WSML.
- **Razonador WSML-Flight** permite verificar que el rendimiento de las ontologías creadas, sea satisfactorio.
- Permite el uso de varios componentes de descubrimiento para alcanzar objetivos basados en el descubrimiento de servicios.
- **Editor SAWSDL**, que provee las funcionalidades para describir la informacion de mapeado entre las descripciones existentes entre los documentos WSDL y WSML.
- Contiene varios plugins de terceros que pueden ser usados desde su interface: el adaptador IRS-III, el Infrawebs Axiom Editor y el WSML Visualiser.
- **Editor BPMO** provee la funcionalidad de crear modelos de procesos de negocio semánticos de acuerdo a Business Process Modelling Ontology (BPMO).

En la Figura 2 se encuentra la representación gráfica de un BP Model del ejemplo llamado "*Develop and Train Workforce",* modelado a partir de BPMO Modeler 1.4 descrito anteriormente. En esta es posible observar los eventos representados por elementos de contorno circular, las tareas representadas por elementos de contorno cuadrado con las esquinas redondeadas y las compuertas representadas por elementos de contorno en forma de rombo, así como los conectores de flujo de control representados por flechas que indican el orden y la secuencia en la cual se ejecutan las actividades.

Figura 2. Representación gráfica del BP Model de ejemplo "*Develop and Train Workforce*" descrito en WSML a partir del BPMO Modeler 1.4

A continuación, la Figura 10 presenta el contenido del archivo del BP Model de ejemplo: "*Develop and train workforce.wsml*", el cual cuenta con:

- ***namespace:*** contiene una URL asociada a la ontología utilizada para la descripción del BP Model, que para el marco de este trabajo de grado corresponde a bpmo-1-4-20080109 y otra URL asociada al EMF para desarrollo de proyectos de software semántico llamado WSMO Studio, el cual fue utilizado a lo largo del presente trabajo de grado como herramienta de modelado.
- ***ontology:*** corresponde al identificador de la instancia que se hace de la ontología para describir el BP Model.
- ***importsOntology:*** importación de la ontología bpmo-1-4-20080109 a partir de la cual se describe el BP Model.
- ***instance:*** instancias de los conceptos de la ontología bpmo-1-4-20080109 indicados por la palabra reservada "memberOf".

Las demás líneas corresponden a los atributos de cada instancia de concepto de la ontología bpmo-1-4-20080109 y su valor puede ser una instancia de otro concepto o un tipo de dato los cuales son indicados por la palabra reservada "hasValue", adicionalmente se pueden agregar propiedades no funcionales indicadas por la palabra reservada "nonFunctionalProperties".

"*Develop train and workforce.wsml*".

```
namespace { _"http://www.ip-super.org/ontologies/BPMO/bpmo-1-4-20080109#"
,
    wsmostudio _"http://www.wsmostudio.org#" }

ontology instanceOntology_1265864406355_2062259045
    nonFunctionalProperties
        wsmostudio#version hasValue "0.7.3"
    endNonFunctionalProperties

    importsOntology
        _"http://www.ip-super.org/ontologies/BPMO/bpmo-1-4-20080109#"

instance Task_1265869249595_203985252 memberOf Task
    hasName hasValue "Assist in Employee Career Development"
    hasDescription hasValue "to enhance an employee's skills to optimize performance and
reinforce the employee's ability to take on broader responsibilities; or changes in your
organization's functions"
    hasHomeProcess hasValue Process_1265864442709_1778458876
    receivesData hasValue EmployeePerformance
    sendsData hasValue EmployeeCareerDevelopment

instance Process_1265864442709_1778458876 memberOf Process
    hasName hasValue "DevelopAndTrainWorkforce"
    hasDescription hasValue "Workforce development has emerged to describe a relatively
wide range of activities, policies, and programs."
    hasWorkflow hasValue Workflow_1265869249596_1816462921

instance Workflow_1265869249596_1816462921 memberOf Workflow
    hasHomeProcess hasValue Process_1265864442709_1778458876
    hasWorkflowElement hasValue StartEvent_1265869249592_148649460

instance StartEvent_1265869249592_148649460 memberOf StartEvent
    hasHomeProcess hasValue Process_1265864442709_1778458876
    hasName hasValue "Manage Operations of IT Environment"

instance ControlflowConnector_1265869249599_1182940149 memberOf ControlflowConnector
    hasHomeProcess hasValue Process_1265864442709_1778458876
    hasSource hasValue Task_1265869249595_203985252
    hasTarget hasValue Synchronisation_1265869249595_347179985

instance Synchronisation_1265869249595_347179985 memberOf Synchronisation
    hasHomeProcess hasValue Process_1265864442709_1778458876
    hasIncomingConnector hasValue {ControlflowConnector_1265869249599_1182940149,
ControlflowConnector_1265869249599_894559872 }

instance ControlflowConnector_1265869249599_894559872 memberOf ControlflowConnector
    hasHomeProcess hasValue Process_1265864442709_1778458876
    hasSource hasValue Task_1265869249595_689927293
    hasTarget hasValue Synchronisation_1265869249595_347179985

instance Task_1265869249595_689927293 memberOf Task
    hasName hasValue "Monitor Employee Performance Appraisal Process"
    hasDescription hasValue "Most companies have a formal performance appraisal system in
which employee job performance is rated on a regular basis, usually once a year. A good
performance appraisal system can greatly benefit an organization."
    hasHomeProcess hasValue Process_1265864442709_1778458876
    receivesData hasValue EmployeePreformance
    sendsData hasValue EmployeePerformanceAppraisalProcess

instance EmployeePreformance memberOf DataEntity
    hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#PerformanceMeasure"

instance EmployeePerformanceAppraisalProcess memberOf DataEntity
    hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#PerformanceMeasure"

instance ControlflowConnector_1265869249598_2012925208 memberOf ControlflowConnector
    hasHomeProcess hasValue Process_1265864442709_1778458876
```

```
     hasSource hasValue Task_1265869249594_2086344716
     hasTarget hasValue Task_1265869249594_1783693746

instance Task_1265869249594_2086344716 memberOf Task
     hasName hasValue "Complete Instructor Evaluation"
     hasDescription hasValue "This evaluation instrument is used to improve the teaching
effectiveness of the faculty member and the learning process of the employee"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue TrainingandEducationDelivery
     sendsData hasValue InstructorEvaluation

instance TrainingandEducationDelivery memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#File"

instance InstructorEvaluation memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#File"

instance Task_1265869249594_1783693746 memberOf Task
     hasName hasValue "Monitor and manage Employee Performance"
     hasDescription hasValue "Employee performance management is a program that corporate
management uses to evaluate the current performance of employees and to help improve the
performance in the future. Employee performance management is a never-ending process to help
the company and its workers"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue InstructorEvaluation
     sendsData hasValue EmployeePerformance

instance EmployeePerformance memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#PerformanceMeasure"

instance ControlflowConnector_1265869249598_1328882639 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue StartEvent_1265869249592_148649460
     hasTarget hasValue WebServiceTask_1265869249592_436141531

instance WebServiceTask_1265869249592_436141531 memberOf WebServiceTask
     hasName hasValue "Create and Update Employee Training Plan"
     hasDescription hasValue "Employee training programs provide focused training to a
number of employees either on a one-time or recurring basis"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue CalendarOperationsIT
     sendsData hasValue EmployeeTrainingPlan

instance CalendarOperationsIT memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#StandardWorkCalendar"

instance EmployeeTrainingPlan memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#Plan"

instance ControlflowConnector_1267034668884_1630364385 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue ParallelSplit_1267034668883_624727885
     hasTarget hasValue Task_1265869249595_689927293

instance ParallelSplit_1267034668883_624727885 memberOf ParallelSplit
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasOutgoingConnector hasValue {ControlflowConnector_1267034668884_1466658587,
ControlflowConnector_1267034668884_1630364385, ControlflowConnector_1267034668885_239734334
}

instance ControlflowConnector_1267034668884_1466658587 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue ParallelSplit_1267034668883_624727885
     hasTarget hasValue Task_1265869249595_203985252

instance ControlflowConnector_1267034668885_239734334 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue ParallelSplit_1267034668883_624727885
     hasTarget hasValue WebServiceTask_1267034668884_689721832
```

```
instance WebServiceTask_1267034668884_689721832 memberOf WebServiceTask
     hasName hasValue "Manage Employee Performance"
     hasDescription hasValue "performance management includes activities to ensure that
goals are consistently being met in an effective and efficient manner. Performance
management can focus on performance of the organization, a department, processes to build a
product or service, employees, etc"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue EmployeePerformance
     sendsData hasValue ManageEmployee

instance ManageEmployee memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#ResourcePerformance"

instance ConditionalflowConnector_1267821735879_407988819 memberOf ConditionalflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue MultipleChoice_1267821735878_76911386
     hasTarget hasValue MultiMerge_1267821735878_1980064553
     hasCondition hasValue Condition_1270858614574_1375648916

instance MultipleChoice_1267821735878_76911386 memberOf MultipleChoice
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasOutgoingConnector hasValue {ConditionalflowConnector_1267821735879_1663076259,
ConditionalflowConnector_1267821735879_407988819 }

instance ConditionalflowConnector_1267821735879_1663076259 memberOf ConditionalflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue MultipleChoice_1267821735878_76911386
     hasTarget hasValue WebServiceTask_1265869249594_401151975
     hasCondition hasValue Condition_1270858614574_325208820

instance WebServiceTask_1265869249594_401151975 memberOf WebServiceTask
     hasName hasValue "Generate Course Confirmation Information"
     hasDescription hasValue "confirmation that the course is to be made to current
employees"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue TrainingCourseList
     sendsData hasValue CourseConfirmationInformation

instance TrainingCourseList memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#File"

instance CourseConfirmationInformation memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#File"

instance Condition_1270858614574_325208820 memberOf Condition
     hasExpression hasValue "available course  or minimum Enrollmen"

instance MultiMerge_1267821735878_1980064553 memberOf MutiMerge
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasIncomingConnector hasValue {ConditionalflowConnector_1267821735879_407988819,
ControlflowConnector_1267821735879_1494926135 }

instance ControlflowConnector_1267821735879_1494926135 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1265869249592_631884850
     hasTarget hasValue MultiMerge_1267821735878_1980064553

instance WebServiceTask_1265869249592_631884850 memberOf WebServiceTask
     hasName hasValue "Publish Course Schedule and Job Requirements"
     hasDescription hasValue "Before filling a job, it is wise to analyze the job to
determine what's required for optimal performance"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue EmployeeTrainingPlan
     sendsData hasValue CourseSchedule

instance CourseSchedule memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#ProjectSchedule"

instance Condition_1270858614574_1375648916 memberOf Condition
```

```
     hasExpression hasValue "unavailable course  or minimum Enrollmen"

instance ControlflowConnector_1265869249597_543964881 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue MultiMerge_1265869249595_1754541056
     hasTarget hasValue GoalTask_1265869249595_1478228053

instance MultiMerge_1265869249595_1754541056 memberOf MutiMerge
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasIncomingConnector hasValue {ControlflowConnector_1265869249597_980210718,
ControlflowConnector_1267034668884_1739067018 }

instance ControlflowConnector_1265869249597_980210718 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue GoalTask_1265869249595_1225592672
     hasTarget hasValue MultiMerge_1265869249595_1754541056

instance GoalTask_1265869249595_1225592672 memberOf GoalTask
     hasName hasValue "Monitor Succession Planning Process"
     hasDescription hasValue "A business often represents a lifetime of work and vision.
However, despite almost three-quarters of business owners wanting to transfer control or
exit ownership within the next decade, barely a third have a formal succession plan in
place."
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue {EmployeeCareerDevelopment, EmployeePerformanceAppraisalProcess }
     sendsData hasValue SuccessionPlanningProcess

instance EmployeeCareerDevelopment memberOf DataEntity
     hasContent hasValue "http://ip-super.org/ontologies/domain/YATOSP/sid/v1.3.0#File"

instance SuccessionPlanningProcess memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#AgreementTermOrCondition"

instance ControlflowConnector_1267034668884_1739067018 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1267034668884_689721832
     hasTarget hasValue MultiMerge_1265869249595_1754541056

instance GoalTask_1265869249595_1478228053 memberOf GoalTask
     hasName hasValue "Develop and Manage Intracompany Job Postings Process"
     hasDescription hasValue "the process of transferring a corporation's technology between
international units of that company for ultimate transfer to their external customers"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue {ManageEmployee, SuccessionPlanningProcess }
     sendsData hasValue IntracompanyJobPostingsProcess

instance IntracompanyJobPostingsProcess memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#ProjectElementRelationship"

instance ControlflowConnector_1267821735878_217417251 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1267821735878_2121098092
     hasTarget hasValue WebServiceTask_1267821735878_917240235

instance WebServiceTask_1267821735878_2121098092 memberOf WebServiceTask
     hasName hasValue "Confirm Class Cancellation or Reschedule"
     hasDescription hasValue "Notices will appear on the day the class is cancelled along
with any instructions from the instructor"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue CourseSchedule
     sendsData hasValue CourseReschedule

instance CourseReschedule memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#ProjectSchedule"

instance WebServiceTask_1267821735878_917240235 memberOf WebServiceTask
     hasName hasValue "Receive Employee Enrollment Request"
     hasDescription hasValue "Receive Employee Enrollment Request for training"
```

```
      hasHomeProcess hasValue Process_1265864442709_1778458876
      receivesData hasValue CourseReschedule
      sendsData hasValue EmployeeEnrollmentRequest

instance EmployeeEnrollmentRequest memberOf DataEntity
      hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#RequestResponseRelationship"

instance ControlflowConnector_1267821735879_277026841 memberOf ControlflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasSource hasValue MultiMerge_1267821735878_1980064553
      hasTarget hasValue WebServiceTask_1267821735878_2121098092

instance ControlflowConnector_1267821735879_384954600 memberOf ControlflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasSource hasValue WebServiceTask_1267821735878_1666146599
      hasTarget hasValue MultipleChoice_1267821735878_76911386

instance WebServiceTask_1267821735878_1666146599 memberOf WebServiceTask
      hasName hasValue "Enroll Employee in Training Course"
      hasDescription hasValue "means an agreed number of lessons within an agreed period of
time"
      hasHomeProcess hasValue Process_1265864442709_1778458876
      receivesData hasValue EmployeeEnrollmentRequest
      sendsData hasValue TrainingCourseList

instance ConditionalflowConnector_1265869249598_502874903 memberOf ConditionalflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasSource hasValue MultipleChoice_1265869249593_574487768
      hasTarget hasValue SendMessageEvent_1265869249593_1339298540
      hasCondition hasValue Condition_1270858614574_1267366404

instance MultipleChoice_1265869249593_574487768 memberOf MultipleChoice
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasOutgoingConnector hasValue {ConditionalflowConnector_1265869249598_1934137231,
ConditionalflowConnector_1265869249598_502874903 }

instance ConditionalflowConnector_1265869249598_1934137231 memberOf ConditionalflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasSource hasValue MultipleChoice_1265869249593_574487768
      hasTarget hasValue WebServiceTask_1265869249592_631884850
      hasCondition hasValue Condition_1270858614574_2045606226

instance Condition_1270858614574_2045606226 memberOf Condition
      hasExpression hasValue "list course is ok"

instance SendMessageEvent_1265869249593_1339298540 memberOf SendMessageEvent
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasName hasValue "Support and Train Users"

instance Condition_1270858614574_1267366404 memberOf Condition
      hasExpression hasValue "course list is not ok"

instance ControlflowConnector_1265869249598_7538651 memberOf ControlflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
      hasSource hasValue WebServiceTask_1265869249594_401151975
      hasTarget hasValue WebServiceTask_1265869249594_1588923813

instance WebServiceTask_1265869249594_1588923813 memberOf WebServiceTask
      hasName hasValue "Deliver Course Pre-Work"
      hasDescription hasValue "number of meetings that discussed the method of course work"
      hasHomeProcess hasValue Process_1265864442709_1778458876
      receivesData hasValue CourseConfirmationInformation
      sendsData hasValue CoursePreWork

instance CoursePreWork memberOf DataEntity
      hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#SimpleWorksProgram"

instance ControlflowConnector_1267034668885_1763999780 memberOf ControlflowConnector
      hasHomeProcess hasValue Process_1265864442709_1778458876
```

```
     hasSource hasValue Task_1265869249594_1783693746
     hasTarget hasValue ParallelSplit_1267034668883_624727885

instance ControlflowConnector_1265869249597_645941398 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue GoalTask_1265869249595_1478228053
     hasTarget hasValue GoalTask_1265869249595_1415749288

instance GoalTask_1265869249595_1415749288 memberOf GoalTask
     hasName hasValue "Coordinate Employee Relations Activities"
     hasDescription hasValue "For motivating employees you can do few things which sound
very ordinary but the employee will feel great. No need to spend large amount, just small
things."
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue IntracompanyJobPostingsProcess
     sendsData hasValue EmployeeRelationsActivities

instance EmployeeRelationsActivities memberOf DataEntity
     hasContent hasValue "http://ip-
super.org/ontologies/domain/YATOSP/sid/v1.3.0#CompletedActivityStatus"

instance ControlflowConnector_1265869249599_171017254 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1265869249594_1588923813
     hasTarget hasValue Task_1265869249594_382424142

instance Task_1265869249594_382424142 memberOf Task
     hasName hasValue "Conduct Training and Education Delivery"
     hasDescription hasValue "Conduct Training and Education Delivery for employee"
     hasHomeProcess hasValue Process_1265864442709_1778458876
     receivesData hasValue CoursePreWork
     sendsData hasValue TrainingandEducationDelivery

instance ControlflowConnector_1265869249597_770698751 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1265869249592_436141531
     hasTarget hasValue MultipleChoice_1265869249593_574487768

instance ControlflowConnector_1265869249599_358926220 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue Task_1265869249594_382424142
     hasTarget hasValue Task_1265869249594_2086344716

instance ControlflowConnector_1265869249597_1354130490 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue Synchronisation_1265869249595_347179985
     hasTarget hasValue GoalTask_1265869249595_1225592672

instance ControlflowConnector_1265869249596_1492521017 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue GoalTask_1265869249595_1415749288
     hasTarget hasValue EndEvent_1265869249596_1831754518

instance EndEvent_1265869249596_1831754518 memberOf EndEvent
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasName hasValue "Manage Corporate Communications"

instance ControlflowConnector_1267821735879_663389840 memberOf ControlflowConnector
     hasHomeProcess hasValue Process_1265864442709_1778458876
     hasSource hasValue WebServiceTask_1267821735878_917240235
     hasTarget hasValue WebServiceTask_1267821735878_1666146599
```

Figura 1. Contenido del archivo del Modelo BP de ejemplo: "*Develop and Train Workforce.wsml*"