

```

-- @atlcompiler atl2010
-- @nsURI MM=http://www.eclipse.org/MoDisco/kdm/code
-- @nsURI MM1=http://www.eclipse.org/MoDisco/kdm/structure
-- @nsURI MM2=http://www.eclipse.org/MoDisco/kdm/kdm
module extractPackage;

create OUT : MM, OUT1 : MM1, OUT2 : MM2 refining IN : MM, IN1 : MM1, IN2 : MM2;

rule extractPackage {
  from
    source : MM!CodeModel (source.name = 'MVC')
  to
    target: MM!CodeModel (
      codeElement <- source.codeElement->including(newPackage)
    ),
    newPackage: MM!Package (
      name <- 'Model',
      codeElement <- Sequence{thisModule.getClassUnit('Student'),
                             thisModule.getClassUnit('Instructor')}
    )
}

helper def : getClassUnit (className : String) : MM!ClassUnit =
  MM!ClassUnit.allInstances()->any(e | e.name = className);

```