# TIBCO Cloud MDM Sample Data Models

*Software Release 2.0.1*
*May 2017*

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**Product-Specific Documentation**

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Cloud MDM Provisioning and Configuration Guide: Read this manual to learn the TIBCO Cloud MDM Console features. This manual guides you to use the console and its functionality as well as all the screens.*

- *TIBCO Cloud MDM Sample Data Models: Read this manual to know the commonly used data models. Using these models, you can perform various functions of TIBCO Cloud MDM .*

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# Party Model

The Party model is a sample B2B metadata which is the commonly used data model for customer details. The Party model comprises the following items:

- Repositories Models
- Data sources
- Inputs Maps
- Synchronization Formats
- Output Maps
- Rulebase Models

## Repositories

A repository defines the structure of your master data. It is often referred to as metadata. The structure of the repository is defined by your company and is very specific to your business requirements.

You can manage records, establish relationships between records, search data, and integrate data with other enterprise systems by using a repository.

### Repositories in Party Model

The Party model metadata comprises the following repositories:

- Address
- Contact
- Delivery
- Email
- Party
- Phone
- Source Reference
- Tag
- Tax Account
- Person
- Household
- Asset
- Bank
- Bank Account
- Bank Branch
- Account
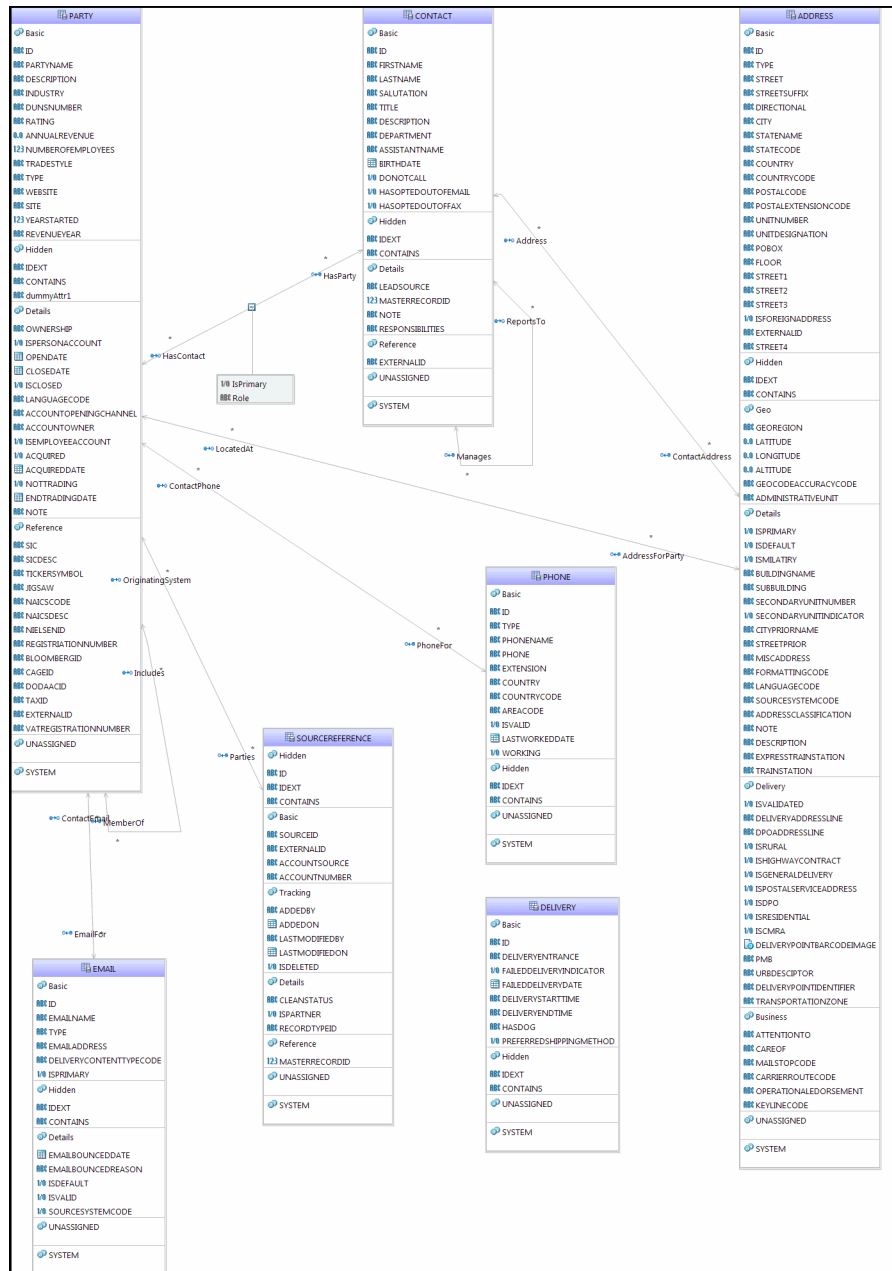
## Datasource

Import is the process of acquiring master data from external sources into TIBCO MDM. The imported data may need to be transformed and mapped to one or more repositories. You can configure the Import process according to the requirements of your company. To import records, create a data source and an input map.

Data source typically maps to a file or the database table. Using the data sources, you can import data into repositories, identify records to create subsets, and transform data.

### Data Sources and Input Maps in Party Model

The Party model comprises the following data sources:

- Account Source: datasource to enter the account source details

- Contact: datasource to enter the contact details

- Country: datasource to enter the country details

- Bank Type: datasource to enter the bank type

- Industry Types: datasource to enter the industry type details

- Language Codes: datasource to enter the language codes

- Occupation: datasource to enter the occupation details

- Ratings: datasource to enter the rating details

- Role: datasource to enter the role details

- SalesforceAccount: datasource showing the salesforce account mapped with account table

- State: datasource to enter the state code

- Tax Type: datasource to enter the tax type

In addition, the Party model comprises the following input maps:

- Address InputMap1

- Address InputMap2

- LocatedAt_InputMap1

- LocatedAt_InputMap2

- HasContact_InputMap1

- Contact_Email_InputMap1

- Party InputMap

- Party InputMap2

- ContactPhone_InputMap1

- ContactPhone_InputMap2

- ContactPhone_InputMap3

- ContactPhone_InputMap4

- ContactPhone_InputMap5

- ContactPhone_InputMap6

- ContactPhone_InputMap7

- OriginatingSystem_InputMap1

# Synchronization Format

You can configure exporting records according to the requirements of your company. To export records, define the synchronization format, output map, the synchronization profiles.

## Synchronization Format and Output Maps in Party Model

The Party model comprises the following synchronization format:

- Salesforce account.

In addition, the Party model also consists of the following output maps:

- ContactEmail_OutputMap
- ContactPhone_OutputMap
- HasContact_OutputMap
- LocatedAt_OutputMap
- OriginatingSystem_OutputMap
- Party_OutputMap



# Rulebase

The metadata rules are defined in a rulebase file. Rules are executed in the sequence in which they are defined in the rulebase file. The rulebase consists of variables and constraints. The rulebase constraint contains a condition and an action. The condition describes when the rule needs to be applied. The action describes what the rule actually does and controls what attributes the rule is applicable to.

## Rulebases in Party Model

The Party model comprises the following rulebases:

- b2b_ACCOUNT_catalogvalidation.rul
- b2b_ADDRESS_catalogvalidation.rul
- b2b_ADDRESS_searchcontrolrules.rul
- b2b_ASSET_catalogvalidation.rul

- b2b_BANK_catalogvalidation.rul
- b2b_BANKACCOUNT_catalogvalidation.rul
- b2b_BANKBRANCH_catalogvalidation.rul
- b2b_CONTACT_catalogvalidation.rul
- b2b_CONTACT_searchcontrolrules.rul
- b2b_DELIVERY_catalogvalidation.rul
- b2b_EMAIL_catalogvalidation.rul
- b2b_EMAIL_searchcontrolrules.rul
- b2b_HOUSEHOLD_catalogvalidation.rul
- b2b_PARTY_catalogvalidation.rul
- b2b_PARTY_searchcontrolrules.rul
- b2b_PERSON_catalogvalidation.rul
- b2b_PHONE_catalogvalidation.rul
- b2b_PHONE_searchcontrolrules.rul
- b2b_REL_HASCONTACT_catalogvalidation.rul
- b2b_SFIdentityRulebase.rul
- b2b_SFImportRulebase.rul
- b2b_SOURCEREFERENCE_catalogvalidation.rul
- b2b_TAG_catalogvalidation.rul
- b2b_TAXACCOUNT_catalogvalidation.rul
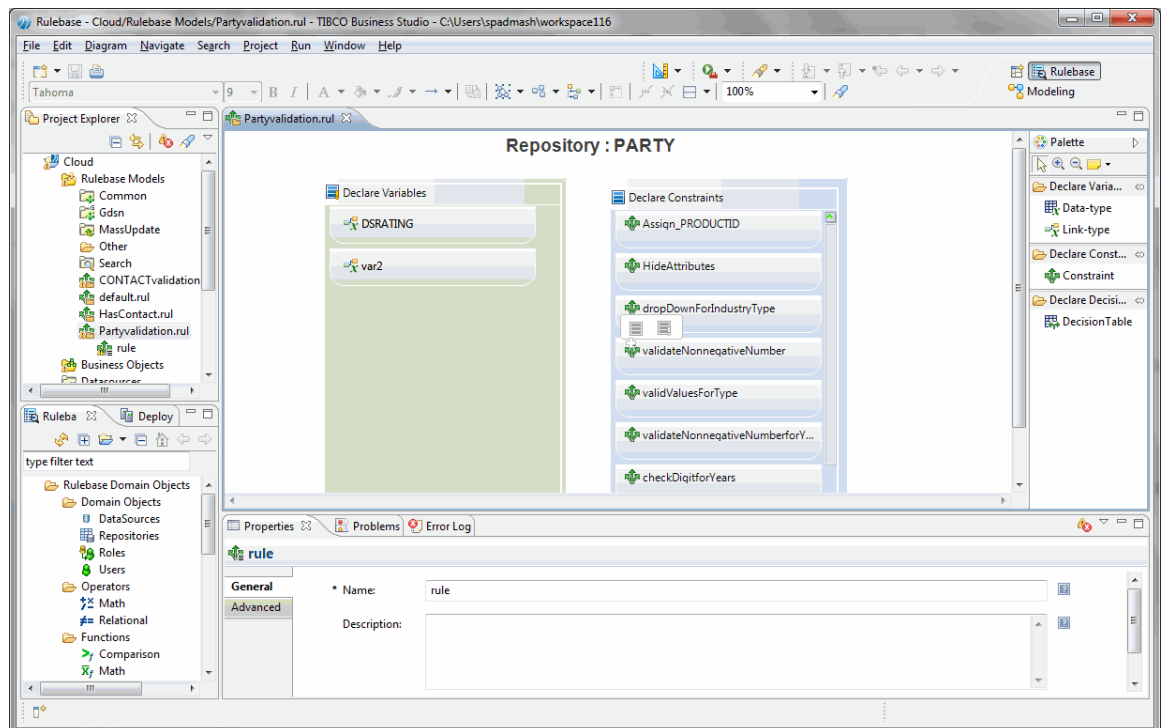
# Classification Schemes

Using Classification schemes, you can organize records based on their attributes. For example, vendor records can be organized by a country-state-city hierarchy.

## Classification Schemes in Party Model

The Party model comprises of the following classification schemes:

- ADDRESSTYPE
- BankType
- BranchTypes
- EMAILTYPES
- ACCOUNTTYPES
- INDUSTRY
- RATING
- PHONETYPE
- TypeofTaxes

# Perspective

Using perspective, you can view a subset of a relationship, repository attributes, and relationship attributes of Party Model. The Party model comprises the PartyDetails perspective.

# Data Files

Data files are used in data source to import records in repositories. In Party Model, different data files are available.

## Data Files in Party Model

The Party model comprises of the following data files, which are used full for data sources:

- Account.csv
- AccountSource.txt
- BankTypes.csv
- Contact.csv
- CountryCode.csv
- IndustryTypes.txt
- LanguageCodes.csv
- Occupation.csv
- Ratings.txt
- Roles.txt
- State.csv
- TaxTypes.csv

# Insurance Model

The Insurance model is a sample data model for an insurance company. The Insurance model comprises the following items:

- Repositories models
- Data sources
- Rulebase models
- UI Builder

The Insurance metadata model does not contain the UI Builder pages. Download the Insurance studio project from TIBCO Access Point (TAP) and deploy the WSDL services and custom UI pages.

## Repositories in Insurance Model

The Insurance model metadata comprises the following repositories:

| | | |
|---|---|---|
| Address | Claim | ClaimType |
| ConstructionType | Contact | Contract |
| Coverage | CoverageType | CustomerOnlineProfile |
| Email | Endorsement | Household |
| InsurableObject | Notes | OpeningHours |
| Organization | Outcome | Person |
| Phone | Policy | RepairFacility |
| RoofType | SourceReference | VEHICLEMAKE |

The Prospects repository module comprises the following repositories:

- ACCESSHISTORY
- CHANGEHISTORY
- PROSPECTS
- SECURITYHINTS
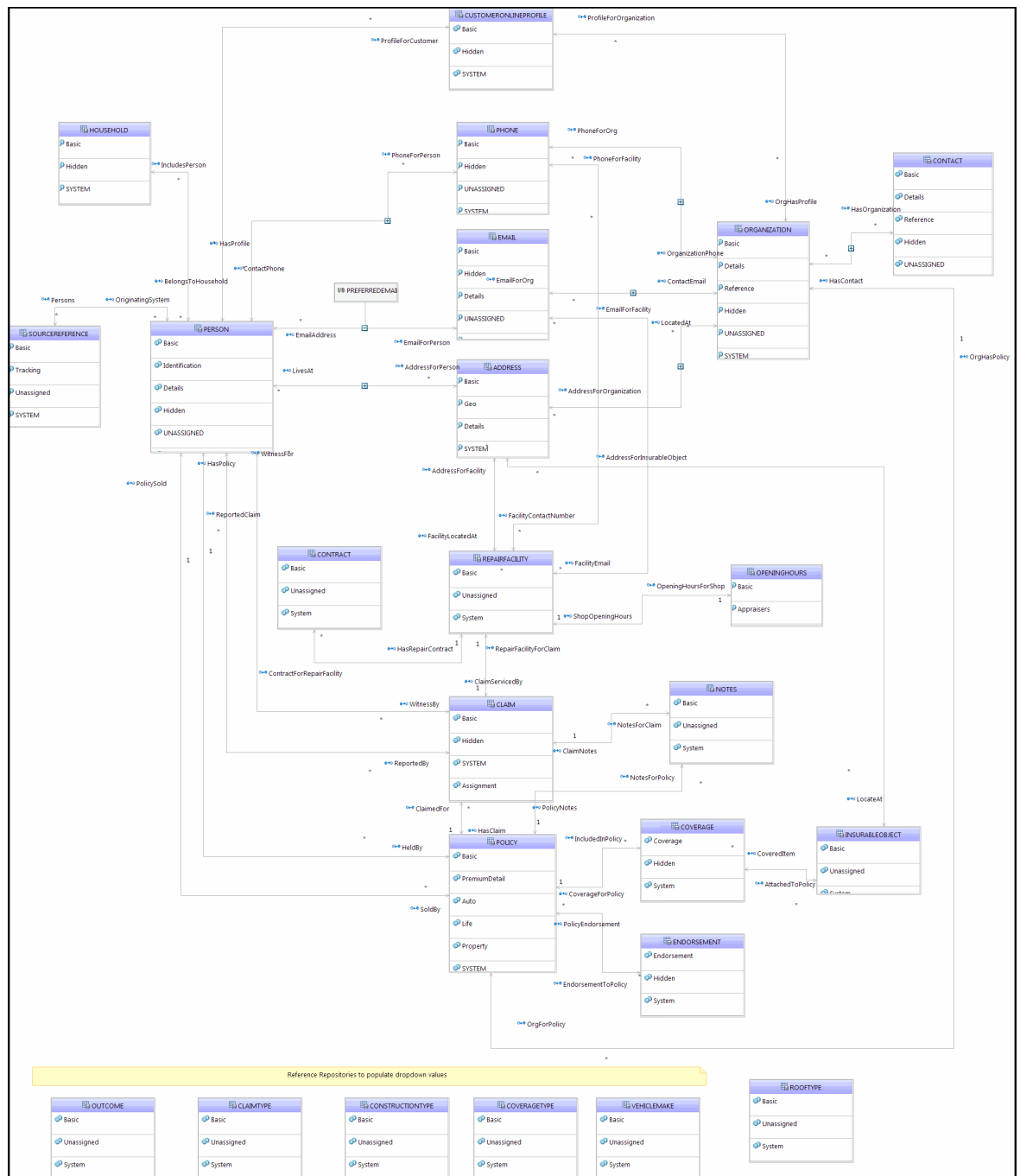
## Data Sources and Input Maps in Insurance Model

The Insurance Model comprises the following data sources:

| | |
|---|---|
| AccountSource: datasource to enter the account source details | ClaimType: datasource to enter the claim type details |
| ConstructionType: datasource to enter the construction type details | Country: datasource to enter the country details |
| CoverageType: datasource to enter the coverage type details | IndustryType: datasource to enter the industry type details |

| | |
|---|---|
| LanguageCodes: datasource to enter the list of language codes | Occupation: datasource to enter the state code |
| PolicyType: datasource to enter the policy type details | Rating: datasource to enter the rating details |
| RoofType: datasource to enter the roof type details | State: datasource to enter the state details |
| VehicleMake: datasource to enter the vehicle make details | YearList: datasource to enter the year list details |
| RoleValues: datasource to enter the data values | |

In addition, the Insurance model comprises the following input maps:

- LoadClaimType: Input map to load Claim Type data
- LoadConstructionType: Input map to load Data for Construction Type
- LoadCoverageType: Input map to load coverage type
- LoadRoofType: Input Map to load Roof Type for references
- LoadVehiclemake: Input Map to load Vehicle make for references



## Rulebases in Insurance Model

The Insurance model comprises the following rulebases:

| Address | Claim |
|---|---|

| | |
|---|---|
| ClaimType | ConstructionType |
| Contact | ContactEmail |
| ContactPhone | ContactPhoneORG |
| CONTRACT | COVERAGE |
| COVERAGETYPE | CUSTOMERPROFILE |
| EMAIL | EMAILADDRESS |
| ENDORSMENT | HasContact |
| HOUSEHOLD | Identity |
| INSURABLEOBJECT | LivesAt |
| LocateAt | NOTES |
| OPENINGHOURS | ORGANIZATION |
| OUTCOME | PERSON |
| PHONE | POLICY |
| REPAIRFACILITY | ROOFTYPE |
| SOURCEREFERENCE | VEHICLEMAKE |
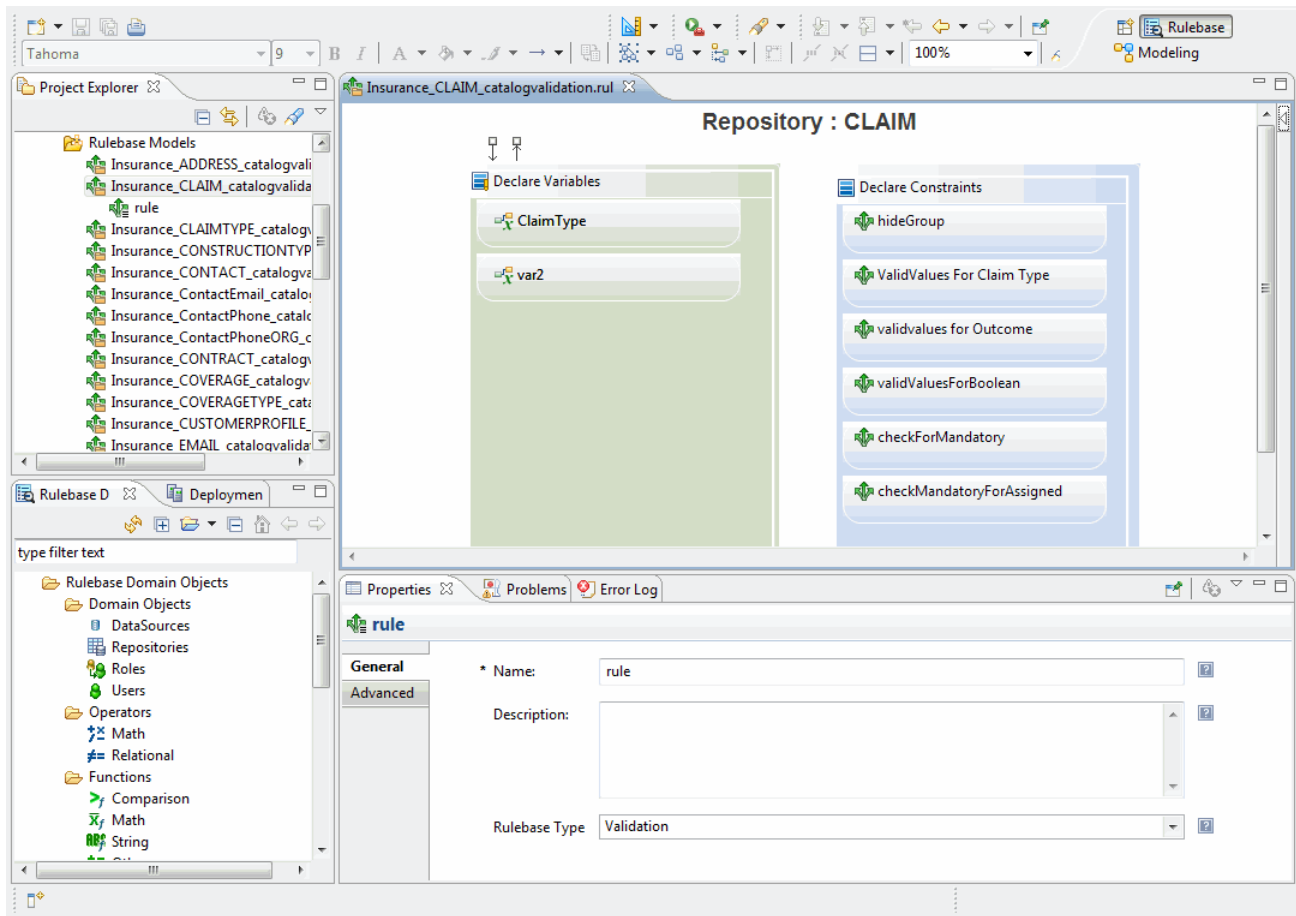
## UI Pages in Insurance Model

Custom UI pages for adding and modifying customer details.

The Insurance model comprises the following UI pages:

- NewCustomer.mub
- UpdateCustomer.mub

After creating the custom UI pages, follow the instructions in *TIBCO MDM UI Builder User's Guide* on how to generate the WSDL services, deploy the services and the custom UI pages on the TIBCO MDM server.
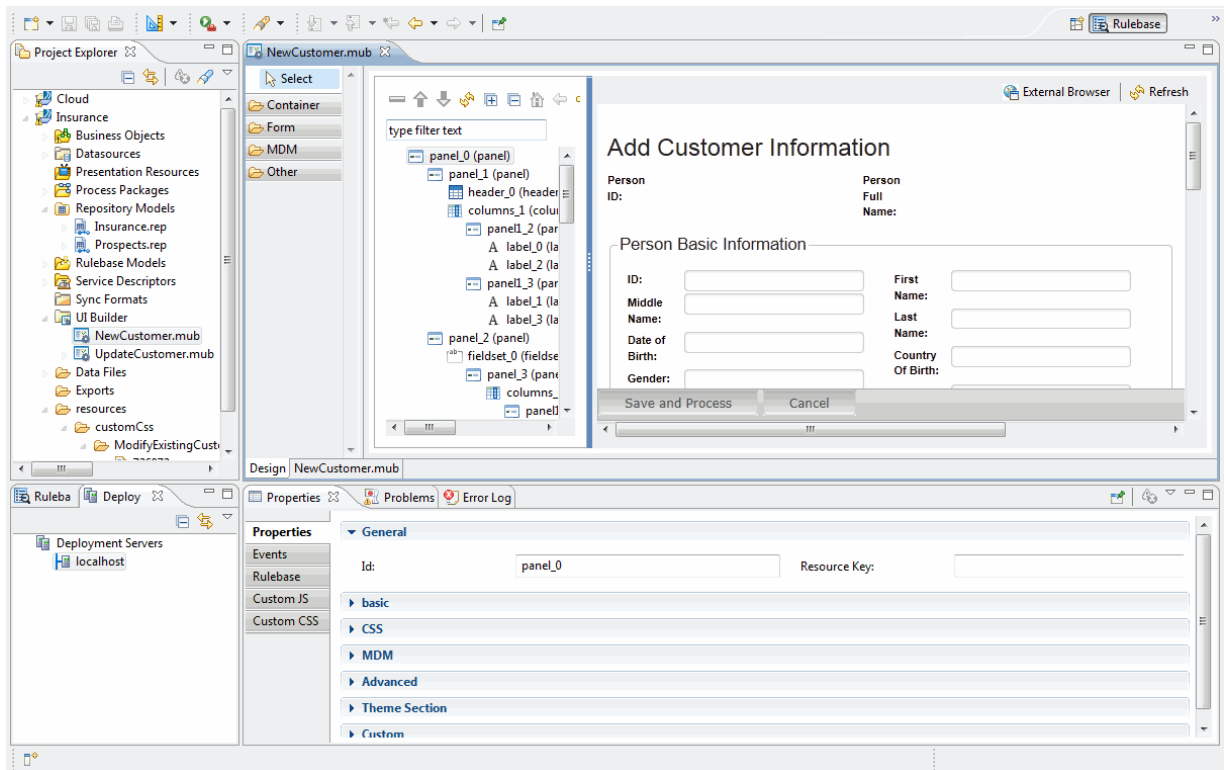
## Perspectives in Insurance Model

Using perspective, you can view a subset of a relationship, repository attributes, and relationship attributes of Insurance Model.

The Insurance model comprises of the following perspectives:

- CLAIM
- OrganizationDetails
- OrganizationPolicyDetails
- PersonalInformation
- PolicyDetails
- Details