

The Oracle Business Rules includes the rule editor, rule browser, rules engine and rule repository for rule discovery, governance, versioning, traceability and availability across the enterprise. Business rules are defined using the Business Rules editor and stored and managed in a central Business Rules repository. You can reference pre-defined business process rules within the modeler. The Business Rules activity in the business process model gets converted to a decision service that in turn invokes the business rules engine in the executable business process. **Business users can change these business policies on the fly via an intuitive web browser interface without having to redeploy or re-implement the business process.**

1.1.1 Why Use Oracle Business Rules?

Oracle Business Rules is a high performance lightweight business rules product that addresses the requirements for agility, business control, and transparency.

Business rules are statements that describe business policies or describe key business decisions. For example, business rules can include:

- Business policies such as spending policies and approval matrices.

A financial institution could use a business rule such as:

```

Loan Income Rule
Loan minimum income

IF
  Application_loan.income < 10000

THEN
  modify Application_loan ( deny : true )
  
```

- Constraints such as valid configurations or regulatory requirements.

For example, a car rental company might use the following business rule:

```

Driver Age Rule
Determine if driver is old enough to rent.

IF
  Rental_application.driver age < 21

THEN
  modify Rental_application ( status : "DECLINED" )
  
```

- Computations such as discounts or premiums.
- Reasoning capabilities such as offers based on customer value.

An airline might use a business rule such as the following:

```

Frequent Flyer Rule
Calculate miles status

IF
  Frequent_Flyer.total_miles > 100000

THEN
  modify Frequent_Flyer ( status : "GOLD" )
  
```

These examples represent individual business rules. In practice, you can use Oracle Business Rules to combine many business rules or to use more complex tests.