

Tag	Card	Comment
Tables	0-1	Contains definitions of one or more Tables in the database.
CustomTables	0-1	Contains definitions of one or more CustomTables
Views	0-1	Contains definitions of one or more Views in the database.
StoredProcedures	0-1	Contains definitions of one or more Stored Procedures in the database.
UserDefinedFunctions	0-1	Contains definitions of one or more UserDefinedFunctions in the database.

EXAMPLE

[0111]

```

<rsd:Database Name="Northwind" DefaultSchema="dbo">
  <rsd:Schemas>
    <rsd:Schema Name="dbo">
      <rsd:Tables>
        ...
      </rsd:Tables>
      <rsd:CustomTables>
        ...
      </rsd:CustomTables>
      <rsd:Views>
        ...
      </rsd:Views>
      <rsd:StoredProcedures>
        ...
      </rsd:StoredProcedures>
      <rsd>UserDefinedFunctions>
        ...
      </rsd>UserDefinedFunctions>
    </rsd:Schema>
  </rsd:Schemas>
</rsd:Database>

```

[0112] 10. Tables

[0113] This element serves as a container for zero or more Table elements.

[0114] 11. Table

[0115] This element represents a table in the underlying database.

Tag	Card	Comment
<u>Attributes</u>		
Name Sub-Elements	Req	The name of the table.
Columns	1	Container for columns on this table
Constraints	0-1	Container for constraints on this table

[0116] RSD Generation Notes

[0117] By default, RSD Generators does not return System Tables. The RSD Generator can provide a switch to allow the user to explicitly request system tables.

EXAMPLE

[0118]

```

<rsd: Table Name="Customers">
  <rsd:Columns>
    ...
  </rsd:Columns>
  <rsd:Constraints>
    ..
  </rsd:Constraints>
</rsd:Table>

```

[0119] 12. CustomTables

[0120] CustomTables is a container element for zero or more CustomTable elements. CustomTables is treated just as like any other structure in the database. See the Custom Tables specification hereinbelow.

[0121] RSD Generation Notes

[0122] Custom Tables are logical by definition and are preserved when the RSD file is re-generated from the database.

[0123] 13. Views

[0124] This element serves as a container for zero or more View elements.

[0125] 14. View

[0126] This element represents a relational view in the database. It is similar to the Table element.

Tag	Card	Comment
<u>Attributes</u>		
Name Sub-Elements	Req	The name of the view.
Columns	1	The columns that defined the view are a restricted column type that only allow name and type to be specified.

EXAMPLE

[0127]

```

<rsd:View Name="myCustomerView">
  <rsd:Columns>
    ...
  </rsd:Columns >
</rsd:View>

```

[0128] Adding Primary Key Information to a View

[0129] The view, by definition, does not have a primary key. However, in order to update a view (user must implement INSTEAD OF triggers server side) or query the view in a relationship, a primary key is required. The user creates a CustomTable that is based on the view, optionally sets AutoCommands to TRUE if the engines are chosen to