



Logical Tree Structure

Agenda

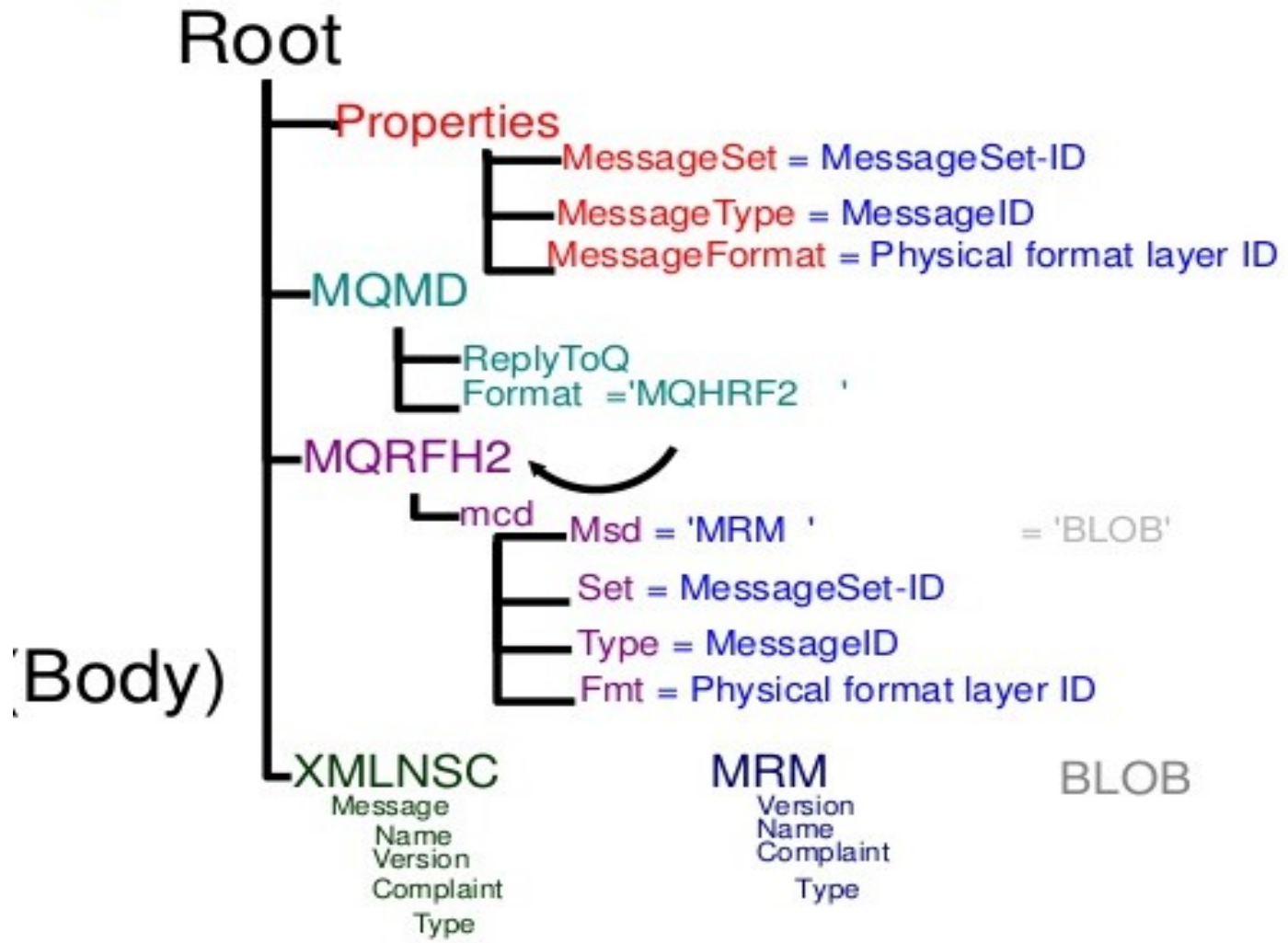
- Logical Tree Structure(LTS)
- The Purpose Of LTS
- Message Tree Structure
- Local Environment Tree Structure
- Environment Tree Structure
- Exception List Tree Structure
- Example Of Logical Tree Structure For XML

Logical Tree Structure

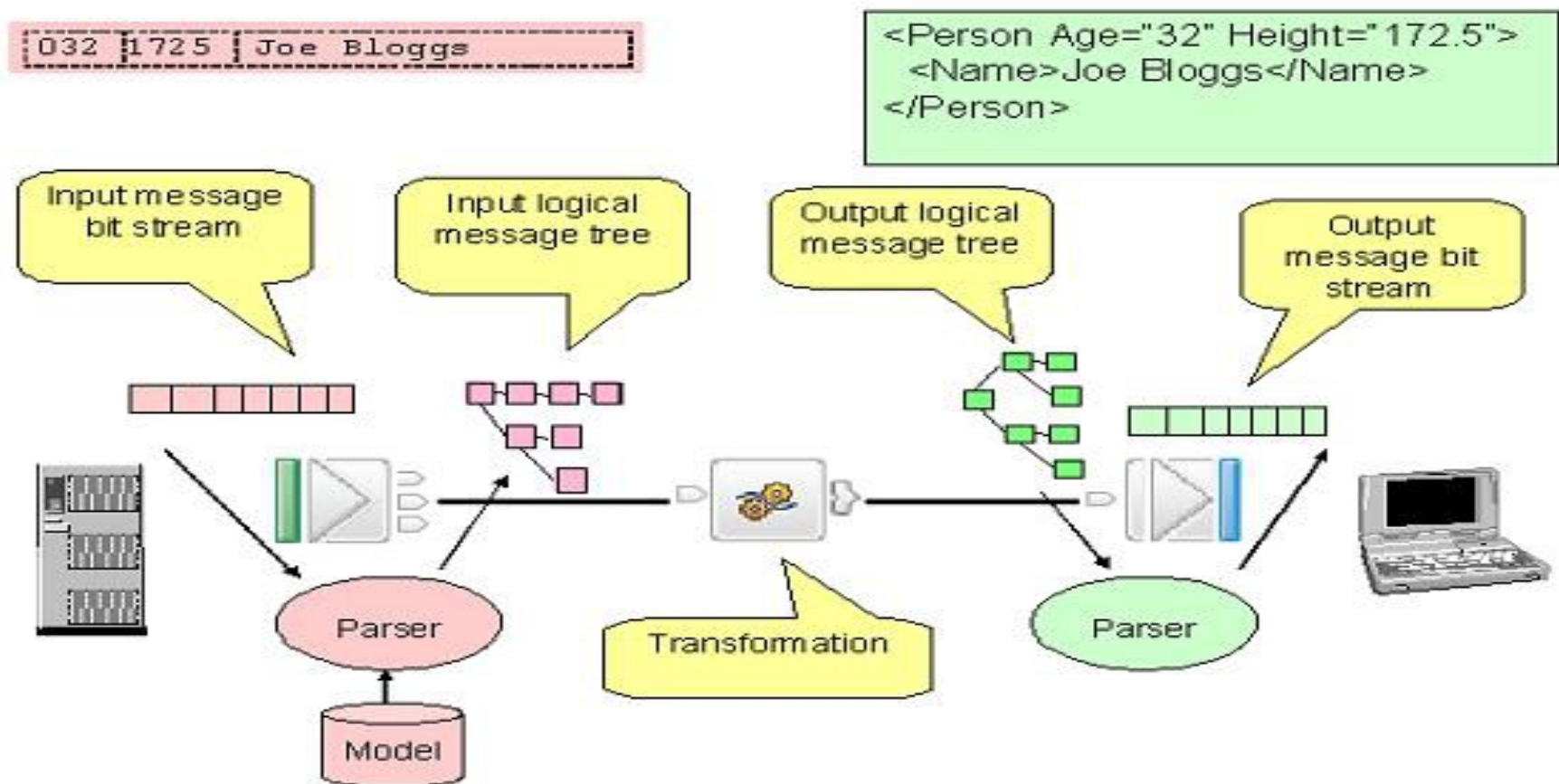
- Representation Of Message.
- It is known as message assembly
- Before message received by the input node the message is interpreted by the parsers to convert it into logical tree from the bit stream

Logical Tree Structure

Logical Tree Structure



Message in LTS Form



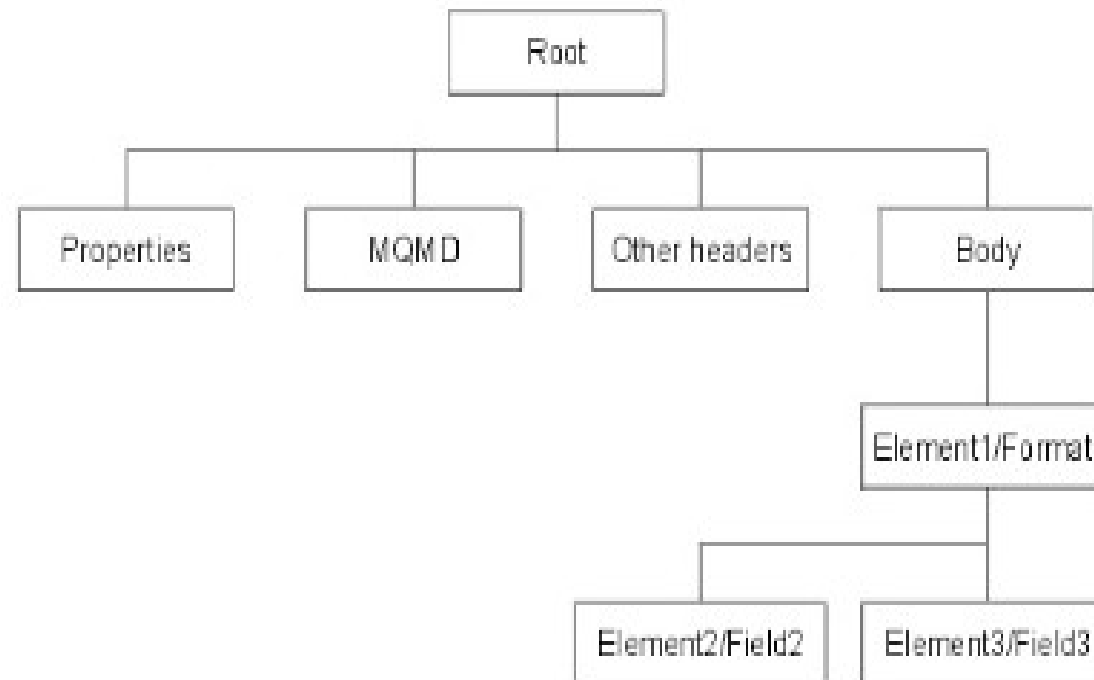
Logical Tree Structure

Input creates message assembly which consists of four trees

- Message tree
- Environment tree
- Local tree
- Exception list tree

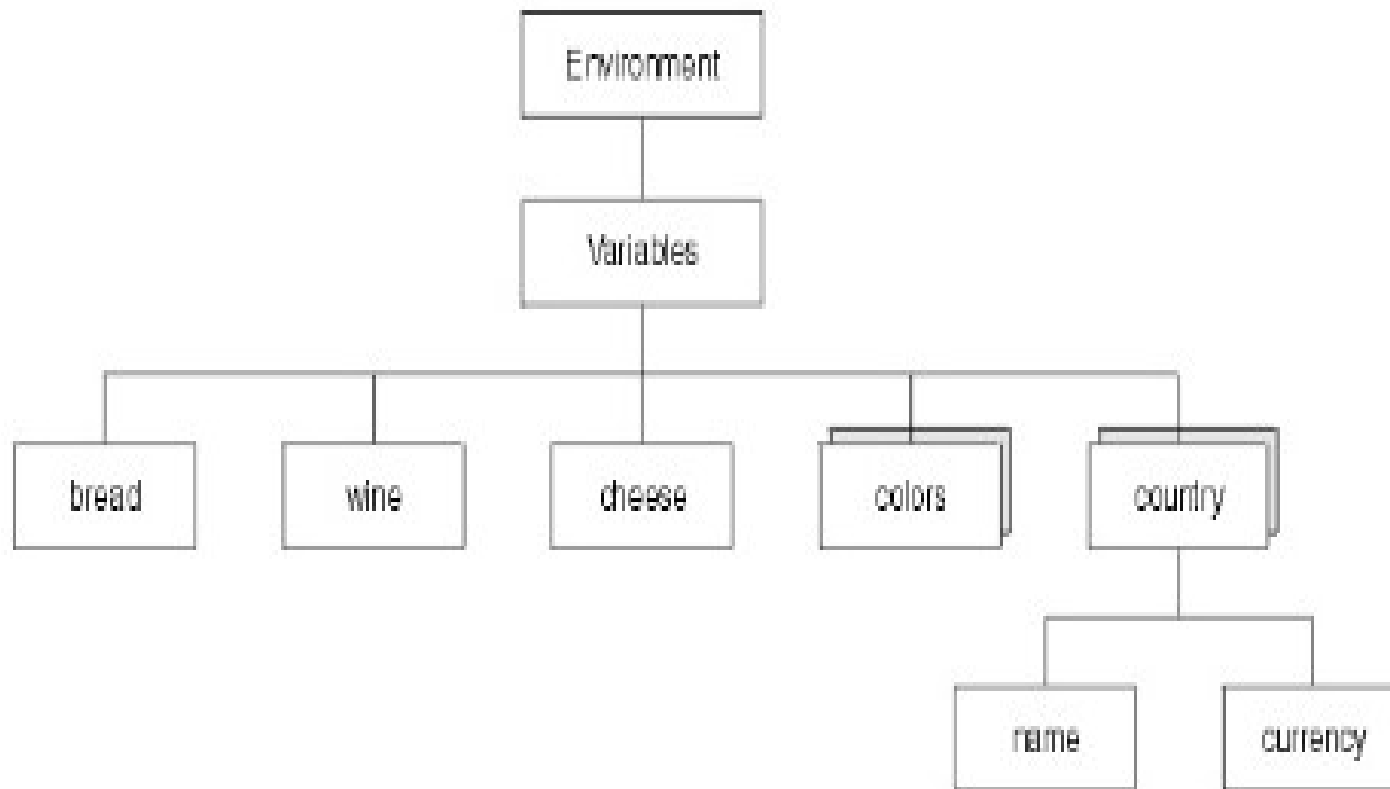
Message Tree Structure

Its part Of Logical tree which contains header information
In addition to message body



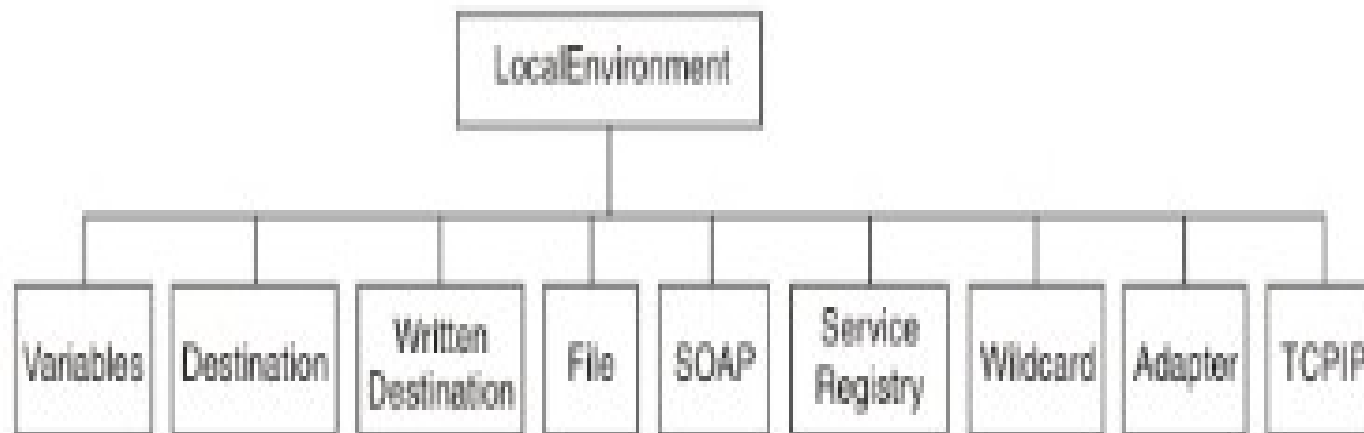
Environment tree

It is a part of LTS in which you can store information while the message passes through the flow



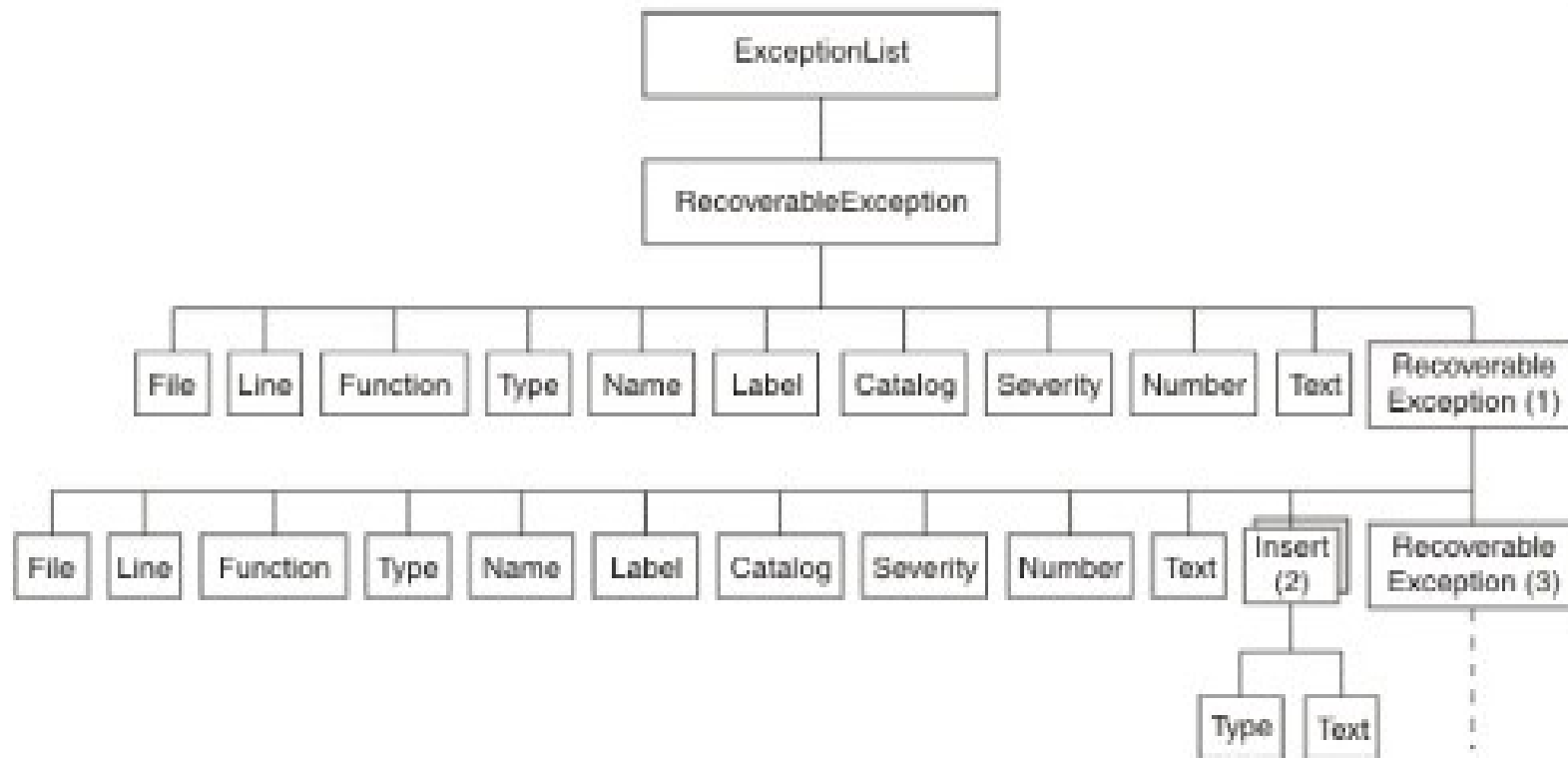
Local Environment tree

It is a part of LTS in which you can store information while the message passes through the flow



Exception List Tree Structure

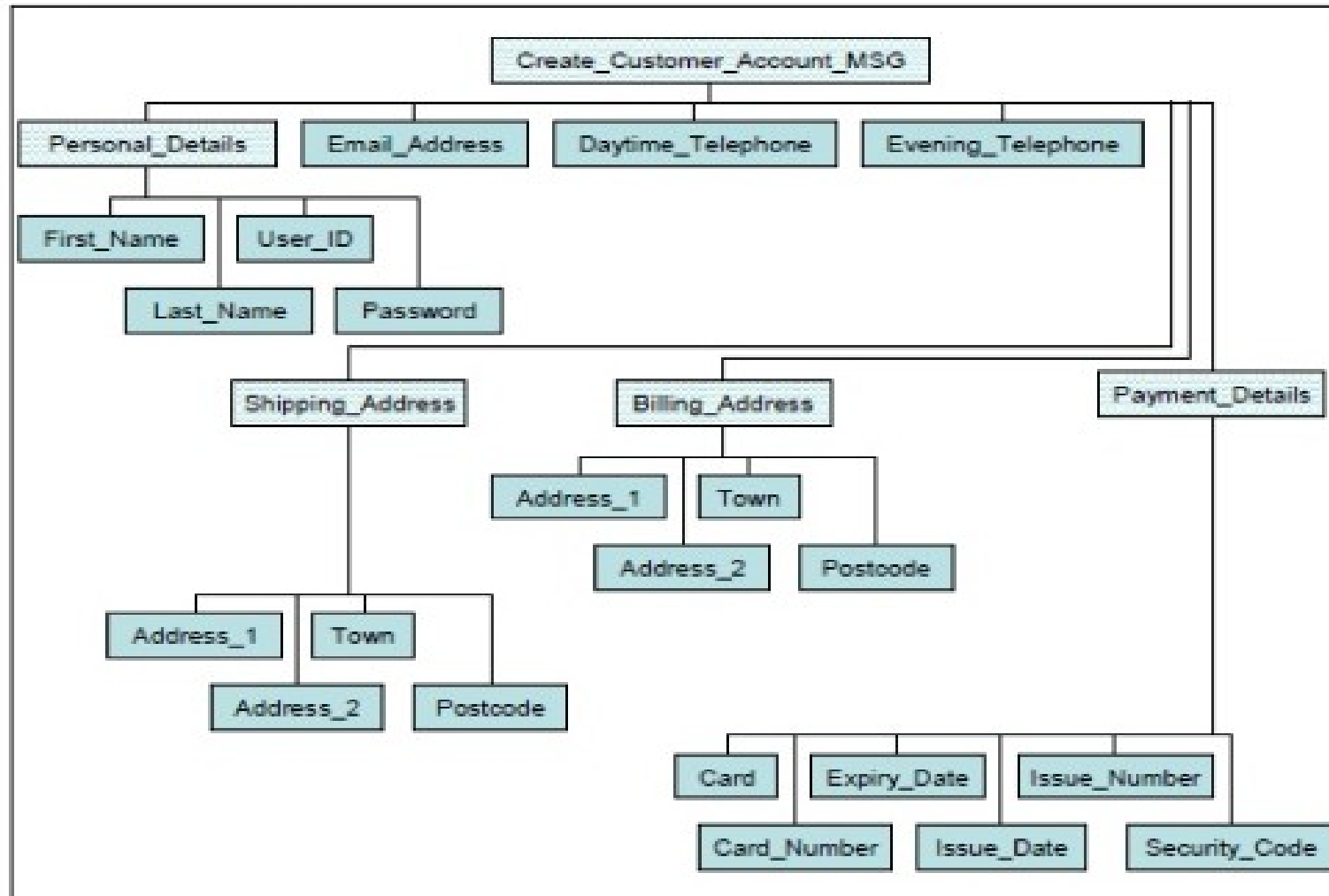
It writes information about exceptions when a message is processed



Logical Tree Structure-XML Source


```
<Create_Customer_Account_MSG>
  <Personal_Details>
    <First_Name>Peter</First_Name>
    <Last_Name>Smith</Last_Name>
    Developing Applications
    <User_ID>PSmith</User_ID>
    <Password>p45svOrd</Password>
  </Personal_Details>
  <Email_Address>Peter.Smith@nowhere.com</Email_Address>
  <Daytime_Telephone>1234567890</Daytime_Telephone>
  <Evening_Telephone>1234567890</Evening_Telephone>
  <Shipping_Address>
    <Address_1>19 Green Street</Address_1>
    <Address_2>Littleton</Address_2>
    <Town>Southington</Town>
    <Postcode>SU29 8YT</Postcode>
  </Shipping_Address>
  <Billing_Address>
    <Address_1>19 Green Street</Address_1>
    <Address_2>Littleton</Address_2>
    <Town>Southington</Town>
    <Postcode>SU29 8YT</Postcode>
  </Billing_Address>
  <Payment_Details>
    <Card>VISA</Card>
    <Card_Number>1234567890</Card_Number>
    <Expiry_Date>2009-09-12</Expiry_Date>
    <Issue_Date>2009-09-12</Issue_Date>
    <Issue_Number>02</Issue_Number>
    <Security_Code>333</Security_Code>
  </Payment_Details>
</Create_Customer_Account_MSG>
```

Corresponding LTS For XML source



Any Queries





Thank you...