

```

<!ENTITY % string "(#PCDATA)">
<!ENTITY % int    "(#PCDATA)">
<!ENTITY % date   "(#PCDATA)">
<!ENTITY % xml    "(#PCDATA)">

<!ELEMENT ribMessage (
  family,
  type,
  id*,
  ribmessageID,
  routingInfo*,
  publishTime,
  hospitalID?,
  failure*,
  messageData,
  customData?,
  customFlag
)>
<!ELEMENT family %string;>
<!ELEMENT type %string;>
<!ELEMENT id %string;>
<!ELEMENT ribmessageID %int;>
<!ELEMENT messageData %xml;>
<!ELEMENT routingInfo (name, value, detail*)>
  <!ELEMENT name %string;>
  <!ELEMENT value %string;>
  <!ELEMENT detail (dtl_name, dtl_value)>
    <!ELEMENT dtl_name %string;>
    <!ELEMENT dtl_value %string;>
<!ELEMENT publishTime %date;>
<!ELEMENT hospitalID %int;>
<!ELEMENT failure (time, location, description)>
  <!ELEMENT time %date;>
  <!ELEMENT location %string;>
  <!ELEMENT description %string;>
<!ELEMENT customData %xml;>
<!ELEMENT customFlag %string;>

```