HL7 Endpoint Example Payload:
    This is an example of JSON (or XML) payload data we can append to any array of RDS or RDE messages.

```
{
  "newMsg": {
    "newMsgId": "1898",
    "newStatusSet": "info",
    "rxCUI": "725021"
  },
  "acceptedMsg": {
    "acceptedMsgID": "1557",
    "acceptedStatusSet": "active"
  },
  "mostRecent": {
    "mostRecentMsgId": "1896",
    "mostRecentStatusSet": "info"
  },
  "clearConflict": {
    "conflictMsgId": "null",
    "mostRecentStatusSet": "null"
  },
  "xo_compare": {
    "xo_sig_notenabled": "TAKE 1/2 TABLET BY MOUTH AT HS",
    "xo_npiprescriber": "1992789689",
    "xo_rxnumber": "07339999",
    "xo_medname": "METOPROLOL EXTENDED RELEASE 25MG"
  },
  "HL7": {
    "RawMessage": "MSH|^~\\&|QS1PHARMACY|DATA|QS1ORDERS|TEST|20231106105526||RDS^013|20231129115526|P|2.5.1|||||||||||||||||\rPID||||MILLM|
    MILLER^MARILYN^||19300815|F|||1721 WESTMINSTER DR (E)^^DENVER^CO^543025431||9208842273|0000000000||||||||||||||||||||||||||||||\rPV1|1||
    0^1^^TEST|||||||||||||||||||||||||||||||||||||||||||||||||||||||||\rORC|XO||07331160^RX^07323086230315^QS1RX||||||20230523131309|
    MCC^CALLAHAN^MCKENZIE|HLM^TECH^HEATHER|1992789689^KOSTER^DANIEL|||20230523131309|||||||||||||||||\rTQ1|1|0.5^TAB|RX  ~1~|220000|||
    20230420125420404151253|||TAKE 1/2 TABLET BY MOUTH AT HS|||0.5|\rRXO|16714085202^METOPROLOL ER 25MG(S)^NDC|||TAB||TAKE 1/2 TABLET BY
    MOUTH AT HS|4398918||N|||||||||||||||047586|||||\rRXR|PO|||||||\rRXE||16714085202^METOPROLOL ER 25MG(S)^NDC^16714085202^METOPROLOL
    EXTENDED RELEASE 25MG(S)^NDC^16714085202|0.5||^TAB||||N|015.0000||012|BK1494575||07339999|011|01|20230523131309|||^4398918||||25|MG|^^|
    500|TAB|||20230523131309||||||||^STREU'S PHARMACY LTC, INC|528 N. MONROE^^DENVER^CO^54301|||||\rRXD|1|16714085202^METOPROLOL ER
    25MG(S)^NDC^16714085202^METOPROLOL ER 25MG(S)^NDC|20230523131309|015.0000|||07331160||||||||||||||||||||||||||||||\rZRX|N|202304201254|
    MILLM|20230420||||    .0000|16|00000000||\r"
  }
}
```

This '**new**' HL7 message formatted to your API spec on the left can be included to your endpoint at ingest/hl7. Primary Key MsgID and business rules decision set to information, meaning no action required by a user.

This '**accepted**' HL7 message represent the HL7 message which is currently active. This is an active prescription for the patient serving as the current medications provided. This active status results from this prescription when onboarding initial medications and orders.

This '**most recent**' message should be set to info (updated from 'action'). For example the XO/DC/NW, the DC MsgID 1896 is no longer requiring 'action' due to MsgID 1898 (new message)

This '**clearconflict**' is for a MsgID different than the 3 MsgID's above. This data element identifies a message due to an unexpected pharmacy sequence and now 'conflict" and require a status update of 'action' to 'info'.

XO order updates (or any other segment value) is compared to 'acceptedMsg'. Designated elements are passed here for CRUD operations.