Robotics Service Bus - Enhancement #457
Remove Notification.version?

07/29/2011 12:54 PM - J. Moringen

Status:	Resolved		**Start date:**	07/29/2011
Priority:	Low		**Due date:**	
Assignee:	J. Moringen		**% Done:**	100%
Category:	Protocol		**Estimated time:**	0.00 hour
Target version:	0.4			

Description

The field Notification.version is currently not processed in any implementation (I think). I propose removing it:

- Saves five bytes
- We have/want build-time checks now
- We cannot handle incompatible changes at runtime anyway
- Also, we can detect incompatible versions differently:

  We can use a required field like Notification.sequence_number and set the field number to 100 + ${WIRE_PROTOCOL_VERSION}$

  This would make protocol buffer unpacking fail for incompatible wire protocol versions

Associated revisions

Revision 766a446d - 07/29/2011 09:51 PM - J. Moringen

Removed Notification.version field in protocol/RSBProtocol/Protocol.proto

refs #457

- protocol/RSBProtocol/Protocol.proto: removed unused
  Notification.version field; bumped filed number of
  Notification.sequence_number to 100 to make this usable for
  detection of wire-format incompatibilities

Revision dc6bff18 - 07/29/2011 11:57 PM - J. Moringen

Added field number from wire format in protocol/

fixes #457

- protocol/CMakeLists.txt: generate field number of
  Notification.sequence_number based wire format version number;
  configure protocol/RSBProtocol/Protocol.proto.in with this field
  number
- protocol/RSBProtocol/Protocol.proto.in: renamed
  protocol/RSBProtocol/Protocol.proto ->
  protocol/RSBProtocol/Protocol.proto.in

History

#1 - 07/29/2011 02:23 PM - S. Wrede

Sounds good to me. I propose to do this now as we did change the protocol for 0.4 anyway...

#2 - 07/29/2011 02:34 PM - J. Moringen

- *Status changed from Feedback to In Progress*
- *Assignee changed from J. Wienke to J. Moringen*
- *Target version set to 0.4*

#3 - 07/29/2011 11:57 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Applied in changeset r2171.