

Robotics Systems Types - Tasks #1259

Add machine-readable unit specifications to data type definitions

11/26/2012 03:43 PM - J. Moringen

| | | | |
|--|---------------|------------------------|------------|
| Status: | Resolved | Start date: | 11/26/2012 |
| Priority: | Normal | Due date: | |
| Assignee: | J. Moringen | % Done: | 100% |
| Category: | documentation | Estimated time: | 0.00 hour |
| Target version: | rsb-0.9 | | |
| Description | | | |
| <p>We agreed on the following syntax for field-level unit specifications</p> <pre>/** * COMMENT-DESCRIBING-FIELD */ // @unit(UNIT-NAME) required TYPE NAME = NUMBER;</pre> <p>where UNIT-NAME is the name of a unit such as newton or second.</p> <p>The initial // preserves compatibility to protoc but may be omitted eventually.</p> | | | |

Associated revisions

Revision 095c23ab - 11/26/2012 03:48 PM - J. Moringen

Added initial unit declarations in proto/**/*.proto

fixes #1259

Most scalar, real fields, for which it makes sense, now have a unit declaration of the form

```
// @unit(UNIT)
```

where UNIT names a unit such as "second" or "newton".

Thanks to Arne Nordmann for providing many previously missing unit declarations.

History

#1 - 11/26/2012 03:55 PM - J. Moringen

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Applied in changeset rst-proto|commit:095c23abdea05ffba458b7295a51413ae3657610.