

## Robotics Service Bus - Feature #90

### Create Typedefs in Informer Interfaces

08/25/2010 09:25 AM - S. Wrede

|                        |          |                        |            |
|------------------------|----------|------------------------|------------|
| <b>Status:</b>         | Resolved | <b>Start date:</b>     | 08/25/2010 |
| <b>Priority:</b>       | Normal   | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | S. Wrede | <b>% Done:</b>         | 100%       |
| <b>Category:</b>       | C++      | <b>Estimated time:</b> | 1.00 hour  |
| <b>Target version:</b> |          |                        |            |

#### Description

Instead of having the user to define typedefs to the shared\_ptrs used, we can do it internally.

E.g, instead of:

```
boost::shared_ptr<Publisher<string> StringPub;  
StringPub p(new Publisher<string>(uri));
```

```
typedef boost::shared_ptr<string> StringPtr;  
StringPtr s(new string("blub");
```

```
p->publish(s);
```

it should be possible to do the following using interal typedefs / factory funtions from within the Publisher:

```
Publisher<string>::Ptr p = Publisher<uri>::create(uri);  
Publisher<string>::DataPtr s(new string("blub");
```

```
p->publish(s);
```

Using factory methods, we can also store a shared\_ptr to self in the Publisher object.

#### History

#1 - 08/27/2010 12:23 AM - S. Wrede

- Status changed from New to Resolved

- % Done changed from 0 to 100