

**Subject:** Ongoing projects - status update as of 2024/04/10 / requests for clarification

**From:** "Michal Siemaszko" <mhs@into.software>

**Date:** 4/10/24, 15:34

**To:** Jürgen Albert <j.albert@data-in-motion.biz>, "Mark Hoffmann" <m.hoffmann@data-in-motion.biz>

Status as of 2024/04/10 is the following:

Having cleared obstacles in the form of <https://github.com/geckoprojects-org/org.gecko.emf.utils/issues/53>, I am working the DTO to EMF converters you requested, i.e. "DTO to EPackage converter #51" ( <https://github.com/geckoprojects-org/org.gecko.emf.utils/issues/51> ) and "Converter Impl for DTO to EObject #52" ( <https://github.com/geckoprojects-org/org.gecko.emf.utils/issues/52> ).

- Implementation is based on 'OSGi Core Release 8' specification ( e.g. <https://docs.osgi.org/specification/osgi.core/8.0.0/framework.dto.html> ), not version 7 which you linked in to <https://github.com/geckoprojects-org/org.gecko.emf.utils/issues/51> and <https://github.com/geckoprojects-org/org.gecko.emf.utils/issues/52>; that is because "Gecko EMF Utilities" appears to be using version 8; not sure if that was deliberate ( i.e. linking to version 7 ) - **please clarify**;

- In section "57.2 Data Transfer Object" of "Data Transfer Objects Specification" ( <https://docs.osgi.org/specification/osgi.core/8.0.0/framework.dto.html#d0e48285> ), it is mentioned that "array" is one of the supported types; however, it does not define whether multi-dimensional arrays are also supported - i.e. only one-dimensional (type[]) or multi-dimensional (type[][]+) as well; **please clarify**;

I do not have any other questions for now and I'm working on implementation, so it's up to you whether you'd like to have the call today, or simply reply via email.

Regards,

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