NEW AND NOTEWORTHY

APP4MC 0.9.8 (APR 2020)
General description of platform changes

- No changes in the meta model!
- Eclipse target platform is updated to IDE 2019-12
- New (extendable) visualization framework
- Extended validation framework
- Additional example models
- EMF model viewers are available as update site
New visualization framework
New visualization framework

Goal:
Make contributions as easy as possible
Standard visualizations for deviations
Standard visualization "Runnable Label Dependencies"
Standard visualization "Shared Runnable Label Dependencies"

- Filtering
- Scaling
- Multiple visualization views
Extended validation framework
Extended validation framework

```java
@Component
public class AmaltheaProfile implements IProfileConfiguration {

@Autowired
@Profile(name = "Hardware Validations")
@ValidationGroup(
    severity = Severity.ERROR,
    validations = {
        AmHwStructure.class,
        AmHwPort.class,
        AmHwConnection.class,
        AmHwAccessPath.class,
        AmHwDefinition.class,
    }
}

@Validation(id = "AM-HW-Connection",
    checks = {
        "HwConnections must refer to two HwPorts",
        "HwConnections must be linked to HwPorts of the same Interface" 
    })
public class AmHwConnection extends AmaltheaValidation {

    @Override
    public EClassifier getClassifier() {
        return ePackage.getAmHwConnection();
    }

    @Override
    public void validate(final EObject object, final List<ValidationDiagnostic> results) {
        ...
    }
}
```
Additional example models
New example models: WATERS FMTV Challenges
EMF model viewers available via update site
EMF model viewers available via update site

Link: Eclipse update site
EMF model viewers extended