The Privacy Related Meta Model

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The Privacy Related Meta Model

Part Contents

Section Contents

1 Privacy-Related Meta Model
Introduction
The PR Meta Model
Next Steps

Where we stand

► We have an implementation for a model suggester based on GDPR standards;

► We have an implementation for retraining our suggester after the user has made changes to its results.

What we need

▶ A coupled model, to associate to every evaluated ecore, which contains the evaluation results.

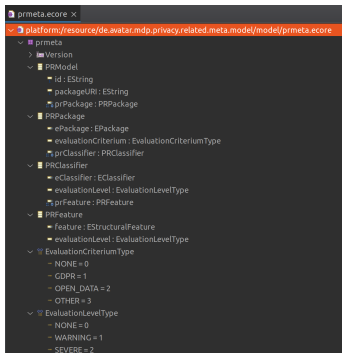# Section Contents

1 Privacy-Related Meta Model
Introduction
The PR Meta Model
Next Steps

The PR Meta Model

The PR Meta Model

► The `PRModel` contains a list of `PRPackage`;
► Every different evaluation (based on different criteria) should trigger the creation of a new `PRPackage`
► Every `PR` model counterpart has a reference to the actual model element, plus additional info on the evaluation result.

The PR Meta Model

I built a service that is responsible of operations on the PRModel

```java
@ProviderType
public interface PRMetaModelService {

    List<PRModel> getPRModelByNsURI(String... modelNsURIs);

    void savePRModel(PRModel prModel);

    PRModel createPRModel(EvaluationSummary evaluationSummary, EPackage
        ePackage);
}
```

The PR Meta Model

In the Vaadin UI now, we have a `Show` view which displays the content of an `EPackage`, together with appropriate warnings, based on the selected evaluation criteria.

Section Contents

1 Privacy-Related Meta Model
Introduction
The PR Meta Model
Next Steps

Next Steps

▶ When a model is registered we could in principle automatically evaluate it using all the implemented evaluation criteria we have (so far only GDPR);

▶ In such a way the PRModel is immediately created and stored and then every time we need the model, we can load its PRModel counterpart instead;

▶ Additional next steps have to be discussed.

Conclusion

Useful Links

OSGi Working Group

Working Group: www.osgi.org
WG Blog: www.osgi.org/blog
Twitter: @osgiwg
Bndtools: bndtools.org

Data In Motion

Web: www.datainmotion.com
Blog: datainmotion.com/blog
Twitter: @motion_data

Jürgen Albert

Email: j.albert@data-in-motion.biz

Mark Hoffmann

Email:
m.hoffmann@data-in-motion.biz