Open issues
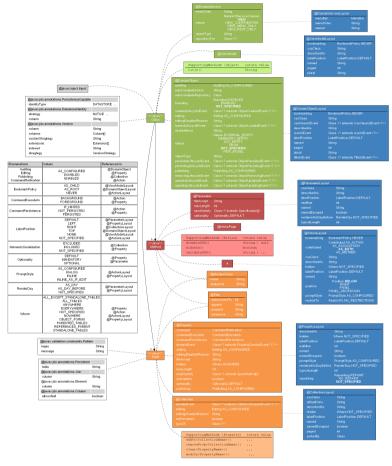
Figure 1. ProgrammingModel-Overview

…

1. Open issues

- €PublishingChangeKind is not used by any annotation in o.a.i.applib.annotation

- @Defaulted, @EqualByContent will stay in 2.0?

- @Facets, @Mixin (rather advanced, haven't used it by now). To be included/ detailed in diagram?

- @MinLength related to Parameter, ParameterLayout - can be integrated there?

- @Programmatic will be obsoleted by @Action(…)?

- @ActionLayout, @ViewModelLayout, @DomainObjectLayout still reference cssClassFa and cssClassFaPosition. To be replaced by "/labelPosition?

2. Remarks

- @ParameterLayout: regexPattern, regexPatternFlags, regexPatternReplacement omitted - @Pattern to be used

- Enumeration values have been extracted from applib annotations and summarised into a table of it's own when used in more than one annotation (results in less redundancy and a more compact layout). Enums referenced only by one annotations list their respective values 'inline'.

- JDO annotations are grouped in two blocks - one containes those that refer to classes, the other refers to properties. Not complete yet.

3. Programming Model Overview

The FW follows a POJO approach, where classes (DomainObjects, DomainServices, ViewModels), fields (Properties), and methods (Actions) are amended by means of annotations. Plus some 'supporting methods'.

3.1. Annotations

They are implemented in:

- o.a.i.applib.* , some in

- javax.jdo.annotations. And of cource

- javax.inject.Inject for dependency injection.

Applib annotations refer to enumerations, here listed separately.

3.2. Supporting Methods

Some 'Supporting Methods' need to follow strict naming rules, i.e. need to have e certain prefix (disable, hide, validate) followed by a camelcased property or action name. title()is somewhat special insofar as it refers to a class / DomainObject only.

4. TODO

5. References

[1] Coad: Modeling in Color

Coad Color	Coad Description	Color here	here used for
pink	moment-intervals	red	method
green	entities (party/ place/thing)	green	class
yellow	roles	orange	property
blue	descriptions	blue	layout