

# Automated Build Generator - Feature #2714

## Online help for aspects

02/23/2017 11:37 AM - J. Moringen

<b>Status:</b>	Resolved	<b>Start date:</b>	02/23/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Moringen	<b>% Done:</b>	100%
<b>Category:</b>	User Interface	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.12		
<b>Description</b>			

### Associated revisions

#### Revision 84211339 - 02/23/2017 02:30 PM - J. Moringen

Added exported symbol variable-info in src/model/variables/package.lisp

refs #2714

- src/model/variables/package.lisp (package jenkins.model.variables):  
added exported symbol variable-info

#### Revision c3536a52 - 02/23/2017 02:36 PM - J. Moringen

Added first-class aspect parameters in src/model/aspects/\*.lisp

refs #2714

- src/model/aspects/conditions.lisp: new file; contains conditions used in the model.aspects system
- src/model/aspects/protocol.lisp (aspect-parameter-variable): new generic function; return variable for aspect parameter  
(aspect-parameter-binding-name): new generic function; return binding name for aspect parameter  
(aspect-parameter-default-value): new generic function return default value for aspect parameter  
(aspect-parameters): new generic function; return a list of parameters for an aspect or aspect class  
(aspect-process-parameters): new generic function; obtain values of aspect parameters  
(aspect-process-parameter): new generic function; obtain value of a single aspect parameter
- src/model/aspects/aspect.lisp (header): updated copyright  
(aspect-parameter): new class; description of one parameter of an aspect  
(print-items append aspect-parameter): new method; print binding name, type and maybe default for `aspect-parameter'  
(aspect-parameter-default-value aspect-parameter): new method; return default value and indicate whether there is one  
(aspect-process-parameter t t): new method; obtain and return the value of the supplied aspect parameter  
(aspect-process-parameters t): new method; obtain and return the

- values of all aspect parameters
- src/model/aspects/macros.lisp (parse-aspect-parameter-spec): new function; parse an aspect parameter specification
  - (make-aspect-variable-form): new function; return a form that registers an aspect parameter variable
  - (make-aspect-parameter-form): new function; return a form that creates an `aspect-parameter' instance
  - (make-aspect-extend-body): new method; return a body for the `extend!' method of an aspect
  - (make-aspect-form): renamed make-aspect{-class -> }-form; register aspect parameter variables; store `aspect-parameter' instances in class-allocated slot; make aspect arguments available in body of `extend!' method
  - (define-aspect): use `make-aspect-form' instead of `make-aspect-class-form'
- src/model/aspects/aspects.lisp (define-aspect parameters): declare and use aspect parameters
  - (define-aspect retention): likewise
  - (define-aspect jdk): likewise
  - (define-aspect github): likewise
  - (define-aspect redmine): likewise
  - (define-aspect redmine-and-git): likewise
  - (define-aspect archive): likewise
  - (define-aspect git): likewise
  - (define-aspect git-repository-browser): likewise
  - (define-aspect subversion): likewise
  - (define-aspect mercurial): likewise
  - (define-aspect trigger/scm): likewise
  - (define-aspect timeout): likewise
  - (define-aspect tasks): likewise
  - (define-aspect sloccount): likewise
  - (define-aspect slaves): likewise
  - (define-aspect dependency-download): likewise
  - (define-aspect shell): likewise
  - (define-aspect batch): likewise
  - (define-aspect cmake/unix): likewise
  - (define-aspect cmake/win32): likewise
  - (define-aspect archive-artifacts): likewise
  - (define-aspect maven): likewise
  - (define-aspect setuptools): likewise
  - (define-aspect warnings): likewise
  - (define-aspect define): likewise
  - (define-aspect xunit): likewise
  - (define-aspect junit): likewise
  - (define-aspect email-notification): likewise
  - (define-aspect upload): likewise
  - (define-aspect permissions): likewise
  - (define-aspect groovy): likewise
- src/model/aspects/package.lisp (header): updated copyright
  - (package jenkins.model.aspects): added exported symbols parameter-condition{-aspect,-parameter}, missing-argument-error, argument-condition{-value}, argument-type-error, aspect-parameter-{variable,binding-name,default-value} and

aspect-{parameters,process-parameters,process-parameter}

- jenkins.project.asd (system jenkins.project): added file  
src/model/aspects/conditions.lisp

#### Revision d6870d46 - 02/23/2017 02:50 PM - J. Moringen

Added --info-aspects commandline option in src/commandline-interface/\*.lisp

fixes #2714

- src/commandline-interface/configuration.lisp (**general-schema**):  
added info-aspects option
- src/commandline-interface/main.lisp (update-synopsis): added  
info-aspects flag  
(configure): call `print-aspect-info' if info-aspects has been set  
(print-aspect-info): new function; print aspect information

#### History

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##### #1 - 02/23/2017 04:10 PM - J. Moringen

- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset commit:d6870d46305df32c608eb23ab95875c3fbce775d.