Automated Build Generator - Bug #1892
Do not silently ignore undefined variables

05/28/2014 05:31 PM - J. Moringen

Status:	Resolved	**Start date:**	05/28/2014
Priority:	High	**Due date:**	
Assignee:	J. Moringen	**% Done:**	100%
Category:	Processing Model	**Estimated time:**	0.00 hour
Target version:	0.5		

Description

Downstream Report

See http://opensource.cit-ec.de/issues/261.

Implication

In case you use a non-existing variable inside the shell.command variable of freestlye projects, a job is generated but without any build step and no warning is issued.

Related issues:

Duplicated by Automated Build Generator - Bug # 1916: Referencing a non-exist...	**Rejected**	**07/15/2014**

Associated revisions

Revision 1c263d35 - 10/01/2015 12:32 PM - J. Moringen

Accessing undefined variables signals an error in src/project/*.lisp

fixes #1892

```
- src/project/protocol.lisp (lookup): added if-undefined keyword
    parameter; adapted documentation string
    (setf lookup): similar
    (value): added optional default parameter
    (lookup t t): accept but ignore if-undefined keyword argument
    (lookup :around t t): accept and process if-undefined keyword argument
    (value t t): accept  and process optional default argument
    (platform-requires t cons): supply default value to `value' call
    instead of ignoring errors
- src/project/mixins.lisp (header): updated copyright
    (instantiate? conditional-mixin t): supply default value to `value'
    call instead of ignoring errors
    (setf lookup t direct-variables-mixin t): accept but ignore
    if-undefined keyword argument
- src/project/aspect.lisp (make-aspect-class-form): supply default value
    in `value' call
- src/project/aspects.lisp
    (builder-constraints aspect-builder-defining-mixin t): similar
    (define-aspect shell): shell.command must be defined but may be nil
- src/project/classes-spec.lisp
    (shared-initialize :after version-spec t): likewise
    (requires version-spec): likewise
    (provides version-spec): likewise
    (check-access version-spec t): likewise
```

- src/project/classes-model.lisp (add-dependencies! job job-spec):
  likewise
  (deploy job): likewise
  (deploy-dependencies job): likewise
- src/project/json.lisp (load-project-spec/json-1): initialize name slot
  of the version-spec early to allow early access to the direct
  variables of the object
- src/commandline-interface/main.lisp (analyze-project): supply default
  value to `value' call instead of ignoring errors
  (load-projects/versioned): likewise
  (configure-jobs): likewise
  (configure-distribution): likewise

History

#1 - 07/15/2014 03:33 PM - J. Moringen

- Duplicated by Bug #1916: Referencing a non-existing variable in frestyle shell.command results in no build step added

#2 - 07/15/2014 03:35 PM - J. Moringen

- Description updated

#3 - 10/09/2014 03:35 PM - J. Moringen

- Target version changed from 0.3 to 0.4

#4 - 03/02/2015 02:07 PM - J. Moringen

- Target version changed from 0.4 to 0.5

#5 - 03/06/2015 04:19 PM - R. Haschke

This is a really annoying problem, because you only know about a stupid typo in a variable name, if the jenkins job fails after hours of compiling...
Is it such a big deal to add an error message in the build-generator, if a variable is undefined?

Also some basic syntax errors are silently ignored, e.g. missing a closing bracket: "${var"
Please fix asap.

#6 - 03/06/2015 04:26 PM - J. Moringen

- Priority changed from Normal to High

#7 - 10/01/2015 02:50 PM - J. Moringen

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

Applied in changeset commit:1c263d35260f18b9867411307a792116566ea0bc.