Appendix B

1 Ant targets and options
1.1 Options
1.2 Targets

Ant targets and options

Options

DSpace allows three property values to be set using the -D<property>=<value> option. They may be used in other contexts than noted below, but take care to understand how a particular property will affect a target's outcome.

overwrite

Whether to overwrite configuration files in [dspace]/config. If true, files from [dspace]/config and subdirectories are backed up with .old extension and new files are installed from [dspace-src]/dspace/config and subdirectories; if false, existing config files are untouched, and new files are written beside them with .new extension.	
Possible values:	true, false
Default:	true
Context:	update, init_configs

config

If a path is specified, ant uses values from the specified file and installs it in [dspace]/config in the appropriate contexts.	
Possible values:	path to configuration file to be used
Default:	[dspace-src]/config/dspace.cfg
Context:	update, update_configs, update_code, update_webapps, init_configs, fresh_install, test_database, setup_database, load_registries, clean_database

wars

If true, builds .war files; if false, no .war files are built.	
Possible values:	true, false
Default:	true
Context:	update, update_webapps, fresh_install

Targets

Target	Effect
update	Creates backup copies of the [dspace]/bin, /etc, /lib, and /webapps directories with the form /<directory>.bak-<date-time>. Creates new copies of [dspace]/config, /etc, and /lib directories. Does not affect data files or the database. (See *overwrite*, *config*, *war* options.)
update_configs	Updates the [dspace]/config directory with new configuration files. (See *config* option.)
update_geolite	Dowload and install GeoCity database into [dspace]/config.
update_code	Creates backup copies of the [dspace]/bin, /etc, and /lib directories with the form /<directory>.bak-<date-time>. Creates new copies of [dspace]/config, /etc, and /lib directories. (See *config* option.)
update_webapps	Updates [dspace]/webapps directory. (See *config*, *war* options.)
init_configs	Writes configuration files to [dspace]/config. (See *overwrite*, *config* options.)

install_code	Deletes existing [dspace]/bin, /lib, and /etc directories, and installs new copies; overwrites /solr application files, leaving data intact. (See *config* option.)
fresh_install	Performs a fresh installation of the software, including the database & config. (See *config*, *war* options.)
test_database	Tests database connection using parameters specified in dspace.cfg. (See *config* option.)
setup_database	Creates database tables. Database schema must exist and relevant parameters specified in dspace.cfg. (See *config* option.)
load_registries	Loads metadata & file format registries into the database. (See *config* option.)
clean_backups	Removes [dspace]/bin, /etc, /lib, and /webapps directories with .bak* extensions.
clean_database	Drops all DSpace database tables, destroying all data. (See *config* option.)