Sams Teach Yourself ASP.NET in 24 Hours

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Misprint	Correction
Page 26, last paragraph: For this example, the buildfile echoes the phrase, 'Ant is working correctly' to the terminal from which Ant is running.	For this example, the buildfile echoes the phrase, 'Ant is working properly ' to the terminal from which Ant is running.
Page 34, next to last sentence in second paragraph: In Listing 2.8, the property dirs.source is created to specify the absolute pathnames of that directory's.	In Listing 2.8, the property dirs.source is created to specify the absolute pathname the directory.

What FileSet will the execute() method see?	Page 374, last paragraph: What FileSet will the execute method see?
In creating this custom task, we had a chance to see how to use the Regular Expression mapper available in Ant, and how to deal with multiple <filesets> that need to be uniquely identified within a custom task.</filesets>	Page 287, last sentence of next to last paragraph: In creating this custom task, we had a chance to see how to use the Regular Expression mapper available in Ant, and how to deal with multiple <filesets> that need to be uniquely identified.</filesets>
Automated processes will be more consistent than manual processes .	Page 230, last bullet: Automated processes will be more consistent than a group of developers.
An example of the resulting instrumented code is shown in Listing 7.13.	Page 219, first sentence of last paragraph: An example of the resulting instrumenting code is shown in Listing 7.13.
CrusieControl is more than a platform-independent cron for build processes.	Page 140, first sentence of first paragraph after "Story" sidebar: CrusieControl is more than a platform-independent cron job for build processes.
This JunitReport output is formatted with frames.	Page 137, caption for Figure 5.3: This JunitReport output is formatted with frames format.
Forking will allow the build to take advantage of a multiprocessor platform.	Page 83, third bullet: Forking will allow the JVM to take advantage of a multiprocessor platform.
The one problem with this target is that it leaves the backup on each developer's local machine.	Page 38, second sentence in "Story" sidebar: The only problem with this target is that it leaves the backup on each developer's local machine.

New Appendix C

The Future of Ant

Keeping Your Build Processes Up to Date

At one point, a radical departure from the implementation and features of Ant 1 had been expected to be taking radical steps, but an incremental, evolutionary approach. proposed for Ant 2. As of the time this book was written, future Ant development is not

will help to insulate a development team from the changes that are bound to occur. some point in the future, there are principles of good design that can be applied that consider some of these principles: versions of Ant are released. While no one can predict exactly what Ant will look like at It is worth considering how to create Ant buildfiles that will stand up over time as new Let's

- Study the new release and keep up with the intent of the new release. more up-to-date techniques. to have buildfiles that work, but use archaic techniques. For example, certain tasks may accept a <fileset> where it didn't before. Modify your build files to use It's possible
- in code, and the same principle applies here. take the time to refactor it. This is true of good object-oriented design practices targets have been added that are minor cut-and-paste variations of one another Refactor your buildfiles on a regular basis. If you find, for example, that several
- eventually disappear in future versions of Ant. Remove deprecated tasks in your buildfiles, because these are guaranteed
- make potential problem areas stand out, such as the use of deprecated tasks files, doing so will make the buildfile easier to read and maintain. Keep files clean and well-formatted. Even though it's not mandatory to indent XML obsolete syntax.
- When a new version of Ant is released, buildfiles. Also, check the manual for deprecated tasks, read the release notes to assess impact. and avoid using them in new

- Set aside time to go back and modify existing buildfiles to remove deprecated
- Make sure you're currently using a recent version of Java. to use Java 1.2 or above For Ant 1.6, you'll need
- use JAXP 1.1 or above Make sure you're currently a recent version of JAXP. For Ant 1.6, you'll need
- This includes minor releases. Even if you stay with your current version of Ant for a while, doing this will provide additional insight into what to do in your current Ant buildfiles to minimize the impact of transitioning to a newer version of Ant. Regularly perform spike tests with new versions of Ant when they become available

along with Ant upgrade issues. will be easier. You won't be simultaneously faced with the Java and JAXP upgrade issues, By keeping current with Java and JAXP upgrades, the transition to newer versions of Ant

assess the impact), the more painful the upgrade will become. As with any product upgrade, the longer you wait to adopt a newer version (or to even the changes and what affect they will have on your overall build and deployment process. have to immediately adopt each new release, but someone on your team should be assessing Also, strive to keep up with the changes in new Ant releases. This doesn't mean that you

on. Here are some suggestions for keeping custom components up to date with the latest version of Ant. Other areas that might be impacted by a new version of Ant are the custom components you written. This includes custom tasks, loggers, listeners, filters, data types, and so

- packaging custom components. This will use the same version of Ant that all of your other build processes use. Use this Ant buildfile to compile and package your We suggest first that you maintain a separate build environment for building and custom components into a jar file.
- Create and maintain unit tests for your custom components

- available in Ant, you will make the task of upgrading to newer versions of Ant more work to retrofit and is difficult to maintain. By using the features already our own, but why introduce unnecessary complexity? This leads to code that requires custom task that uses Ant's regular expression engine. We could have instantiated Make use of what's already available in Ant. For example, in this book, we have a easier.
- everything works as expected run your suite of unit tests against the new Ant jar files, and verify that When a new version of Ant becomes available, use your existing version of Ant to
- Consider donating custom tasks to the Ant project if they might be of use to
- maintaining your code in the future. write better code, and you'll also develop a suite of unit tests that will help in write your unit tests first, As we recommended earlier in this book, with the XP approach to Test First Design, and then the code for your custom components. You'll

them to verify that they will run as well. you make use of BSF scripting, remember to test any buildfiles that have scripting code

especially in an XP methodology, will be able to easily transition their build processes design techniques will find it easy to transition between C++ and Java. In a similar concepts rather than the syntax. A developer who gains a solid grasp of object-oriented to newer versions of Ant. Perhaps the most important thing to remember with writing Ant tasks is to focus on the a developer who has a grasp of the design of build and deployment processes

grammar misprints are updated This errata sheet is intended to provide updated technical information. Spelling and during the reprint errata sheet process, but are not listed on this