TestAntTask

The AntTaskTest Class

The class `org.apache.lenya.cms.task.AntTaskTest` tests an `AntTask`-based task. It ensures that no exception is thrown during execution and that the logfile is created at the appropriate location. To use the `AntTaskTest` for your specific task, just specify the target as a command line parameter.

Overriding the AntTaskTest

To test your own `AntTask`-based task, you can extend the class `AntTaskTest`:

- To hardcode the target, override `getTarget()`.
- To add test evaluation code, override `evaluateTest()`.

You can use the following template:

```
public class MyTest extends AntTaskTest {

    /** Creates a new object. */
    public MyTest(String test) {
        super(test);
    }

    /** Creates a test suite. */
    public static Test getSuite() {
        return new TestSuite(MyTest.class);
    }

    /**
     * The main program.
     * @param args The command line arguments
     */
    public static void main(String[] args) {
        AntTaskTest.initialize(args);
        TestRunner.run(getSuite());
    }

    public static final String DOCUMENT_ID = "tutorial";

    /** Checks if the test produced the correct results. */
    protected void evaluateTest() throws IOException {
        ...
    }

    /** Returns the task parameters. */
    protected Parameters getTaskParameters() {
        Parameters parameters = super.getTaskParameters();
        parameters.setParameter("properties.mytask.documentid", DOCUMENT_ID);
        return parameters;
    }

    /** Returns the target to execute. */
    protected String getTarget() {
        return "mytask";
    }
}
```

Using a Separate TestCase for Evaluation

If you want to write your own TestCase to check if everything is OK, you can use the `AntTaskTest` class as it is. Just pass the target as a command-line argument and add your TestCase to the same target in `test-build.xml`.