Ant style pattern

설명

표기	설명
?	1개의 문자와 매칭 (matches single character)
*	0개 이상의 문자와 매칭 (matches zero or more characters)
**	0개 이상의 디렉토리와 파일 매칭 (matches all files / directories)

사용 예

```
import static org.hamcrest.CoreMatchers.*;
import static org.junit.Assert.*;

import org.junit.Test;
import org.springframework.util.AntPathMatcher;

public class AntStylePatternMatcherUtilTest {

    @Test
    public void antStylePatternTest() {
        // double asterisks
        assertThat(true, is(checkAntPattern("/static/**",
"/static/a.jpg")));
        assertThat(true, is(checkAntPattern("/static/**",
"/static/css/a.css")));
        assertThat(true, is(checkAntPattern("/static/**",
"/static/js/a.js")));
        assertThat(true, is(checkAntPattern("/static/**",
"/static/img/a.jpg")));
        assertThat(true, is(checkAntPattern("/static/**",
"/static/a/b/c/d/e/f/g/a.jpg")));
        assertThat(true, is(checkAntPattern("/static/**", "/static")));
        assertThat(true, is(checkAntPattern("/static/**", "/static/")));

        // single asterisks
        assertThat(true, is(checkAntPattern("/static/*", "/static/a.jpg")));
        assertThat(true, is(checkAntPattern("/static/*",
"/static/namkyuProfilePicture.jpg")));

        assertThat(false, is(checkAntPattern("/static/*",
"/static/a/test.jpg")));
        assertThat(false, is(checkAntPattern("/static/*",
"/static/a/b/c/d/test.jpg")));

        assertThat(true, is(checkAntPattern("/static*/*",
"/static/test.jpg")));
        assertThat(true, is(checkAntPattern("/static*/*",
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"/static1/test.jpg")));
        assertThat(true, is(checkAntPattern("/static*/*",
"/static123/test.jpg")));
        assertThat(true, is(checkAntPattern("/static*/*",
"/static-123/test.jpg")));
        assertThat(true, is(checkAntPattern("/static*/*",
"/static~!@#$%^&*()_+}{|/test.jpg")));

        assertThat(false, is(checkAntPattern("/static*/*",
"/static12/a/test.jpg")));
        assertThat(false, is(checkAntPattern("/static*/*",
"/static12/a/b/test.jpg")));

        // double and single combine
        assertThat(true, is(checkAntPattern("/static*/**",
"/static/a.jpg")));
        assertThat(true, is(checkAntPattern("/static*/**",
"/static1/a.jpg")));
        assertThat(true, is(checkAntPattern("/static*/**",
"/static/a/a.jpg")));
        assertThat(true, is(checkAntPattern("/static*/**",
"/static/a/b/a.jpg")));
        assertThat(true, is(checkAntPattern("/static*/**",
"/static/a/b/c/a.jpg")));

        assertThat(true, is(checkAntPattern("**/static/**",
"a/static/a/b/c/a.jpg")));
        assertThat(true, is(checkAntPattern("**/static/**",
"a/b/static/a/b/c/a.jpg")));


        // question-mark
        assertThat(true, is(checkAntPattern("/static-?/**", "/static-
a/a.jpg")));
        assertThat(true, is(checkAntPattern("/static-?/**", "/static-
a/b/c/a.jpg")));
        assertThat(true, is(checkAntPattern("/static-?/*", "/static-
a/abcd.jpg")));
        assertThat(true, is(checkAntPattern("/static-?/???.jpg", "/static-
a/abc.jpg")));

    }

    private boolean checkAntPattern(String pattern, String inputStr) {
        return matches(pattern, inputStr);
    }

    public static boolean matches(String pattern, String inputStr) {
        AntPathMatcher antPathMatcher = new AntPathMatcher();
        return antPathMatcher.match(pattern, inputStr);
```

```
    }
}
```

Ref

Ant style pattern 정리

주레피, antpattern, 앤드패턴

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