

INTRODUCING “JAVA 8”

Scripting Enhancements

Scripting enhancement

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- ❑ hashhorn javascript engine
- ❑ invoking script from java code
- ❑ jjs tools

Nashorn javascript engine

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- Based on javascript language (ECMAScript 262 v5.1)
- access to large set of tools and libraries
- takes full advantage of all current java technologies
- Nashorn can be used from Java using javax.script API
- NetBeans 8 support Nashorn development

Invoking Script engine

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```
import javax.script.*;

public class Main{
    public static void main(String []arg)
    {
        final ScriptEngineManager manager = new ScriptEngineManager();
        final ScriptEngineManager engine = manager.getEngineByName("nashorn");

        try{
            engine.eval("printf('hello world');");
        }catch(final ScriptException se){
            System.err.println(se);
        }
    }
}
```

Using 'ijs'

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- Nashorn can be invoked using a new command 'ijs'
- Makes it easy to use JavaScript day to day
 - ▣ Quick tasks
 - ▣ Trying out java features
 - ▣ Shell scripts

Using ijs

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- to run Interactively:

```
jj s <ENTER>
```

- to run existing script

```
ijs scriptfile.js <ENTER>
```