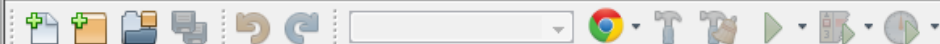# NetBeans IDE

Ondřej Suchý

What is Netbeans IDE

- A software development platform written in Java
- Development in Java, PHP, C/C++ and **HTML5**
- Runs on Microsoft Windows, Mac OS X, Linux, Solaris
- Current version 8.1
- Composed of modules
- Sources in Mercurial

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

...ava ImageEditor.java FileDrop.java Byte.java index.html index.html greeter.ts raytracer...

Source History

```javascript
35
36    Info.prototype._drop = function(e){
37        e.preventDefault();
38        var files = e.dataTransfer.files;
39        console.log(files);
40        if(files.length > 0){
41            this._showInfo(files);
42        }
43    }
44
45    Info.prototype._showInfo = function(files){
46        for(var i = 0; i < files.length; i++){
47            /**@type File*/
48            var f = files[i];
49            var r = "JMENO: "+ f.name+" / TYPE: "+ f.type+" / SIZE: "+ Math.round(f.size/1024);
50            this.inf.innerHTML += r;
51            if (f.type.match(/image\/.+/) != null) {
52                var fr = new FileReader();
53                fr.addEventListener("load", this._writeImg.bind(this));
54                fr.readAsDataURL(f);
55            }
56
57
58
59        }//for
60    }
61
```

Navigator

JavaScript
CSS
HTML

Proje... Files Services

cv02
cv03
    Site Root
    Unit Tests
    Important Files
cv05
    Site Root
        index.html
        style.css
        test.js
    Unit Tests
    Important Files
cv05_b
    Site Root
        index.html
        style.css
    Unit Tests
FileChangeWatcher
HTML5_aeroMap

Test Results Output - Browser Log

Debugging session with browser was closed.

2   68:1   INS

History

- 1996 - NetBeans began as Xelfi
- Java IDE student project under the guidance of the Faculty of Mathematics and Physics at Charles University in Prague
- 1997 – Commercial version of NetBeans IDE
- 1999 – Bought by Sun
- 2000 – open-sourced by Sun
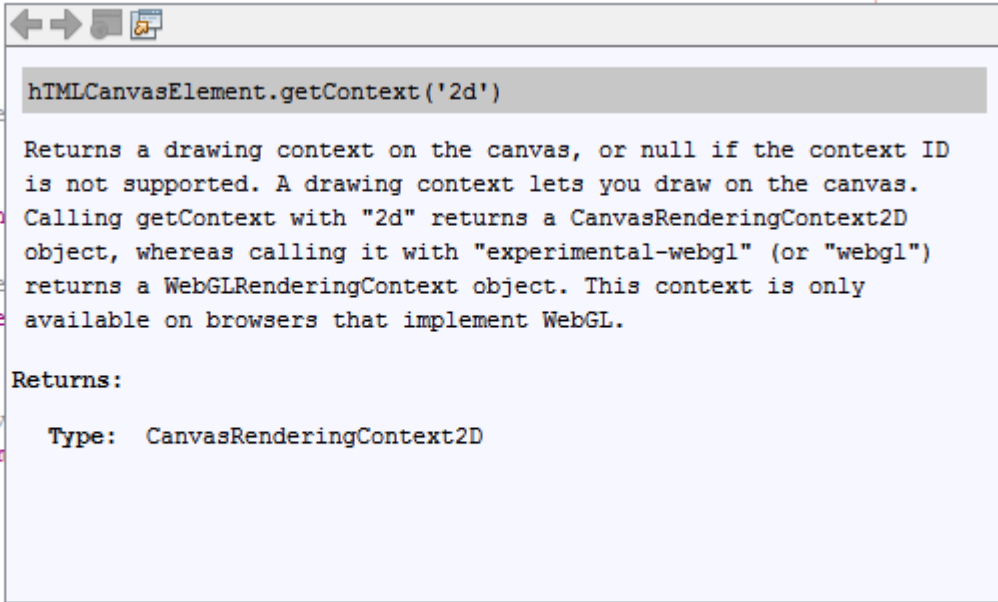- 2010 – Sun aquired by Oracle

My contribution

- Add support intelisense for the HTML5 Canvas

```
]/**
 * Draws a filled rectangle at (x, y) position whose size is determined by width and height.
 * @syntax canvasRenderingContext2D.fillRect(x, y, width, height)
 * @param {Number} x - The x axis of the coordinate for the rectangle starting point.
 * @param {Number} y - The y axis of the coordinate for the rectangle starting point.
 * @param {Number} width - The rectangle's width.
 * @param {Number} height - The rectangle's height.
 * @returns {undefined}
 */
CanvasRenderingContext2D.prototype.fillRect = function(x, y, width, height) {};
```

Thank you for your attention