Node.js, continued

Socket.IO

http://socket.io/

Express.js

expressjs.com

promises

```javascript
readFile('file.json', function(err, data) {
    if (err){
        console.error('cannot read file');
    }
    else {
        try {
            data = JSON.parse(data);
            console.log(data);
        }
        catch(e) {
            console.error("invalid JSON");
        }
    }
});
```

```
readFile('file.json').then(JSON.parse).then(function(data) {
    console.log(data);
})
.catch(SyntaxError, function(e) {
    console.error("invalid JSON");
})
.catch(function(e) {
    console.error("cannot read file");
});
```

```
try {
    var data = JSON.parse(readFile('file.json'));
    console.log(data);
}

// syntax actually not supported in JS but drives the point
catch (SyntaxError e) {
    console.error('invalid JSON');
}
catch (Error e) {
    console.error('cannot read file');
}
```