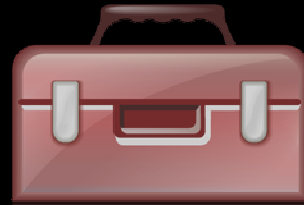
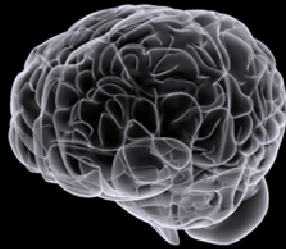


There will be less...



$$\text{Productivity} = \frac{\text{Production Output}}{\text{Production Input}}$$

It has increased my productivity by 3 folds - no kidding (D. Devje)



Input x **Productivity** = **Output**

Eclipse: 360 p.y.

4x avg.

5000K

Mylyn: 6 p.y.

10x avg.

250K



Language

Functions

Objects



Framework

Libraries

Components

DI



Build

Incremental

Dependencies



Test

Unit



Sources

Versions



Tasks

Tracking

Agile

Developer Toolbox





Java

Concurrency

Generics

Closures

...



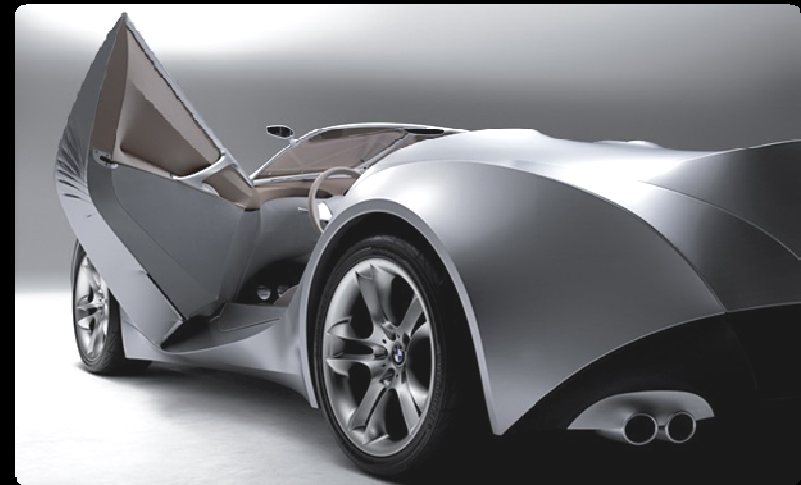
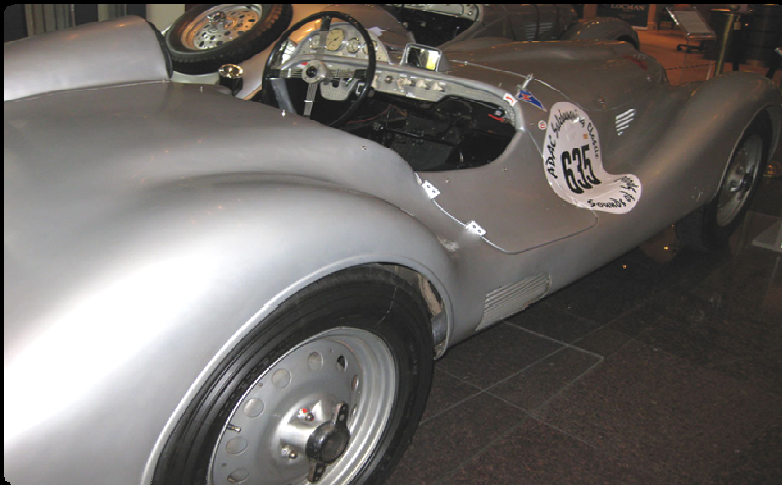
BMW

Twin Turbo

OSGi


Cloth Body







...



Incremental Benefits



 **Tools**

-  Language
-  Framework
-  Build
-  Test
-  Sources
-  Tasks

X

 **IDE**

Completion
Refactoring
Designers

X

???

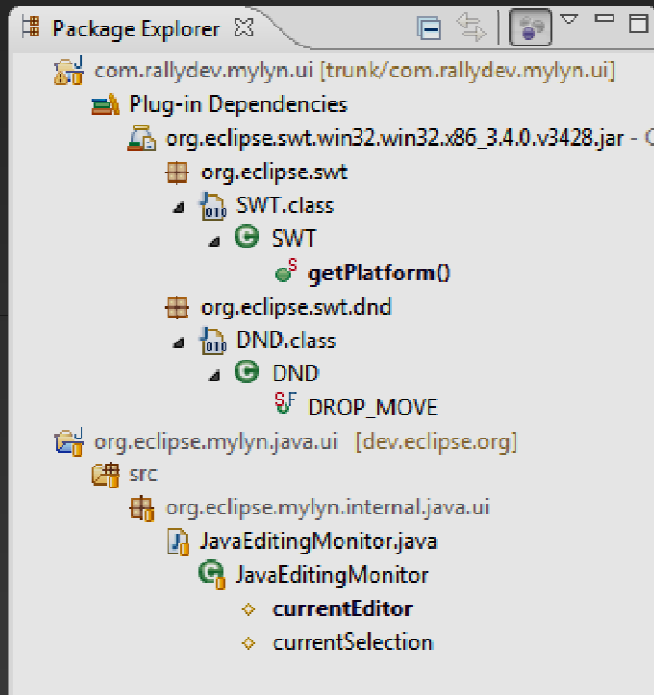


Transformational Benefits



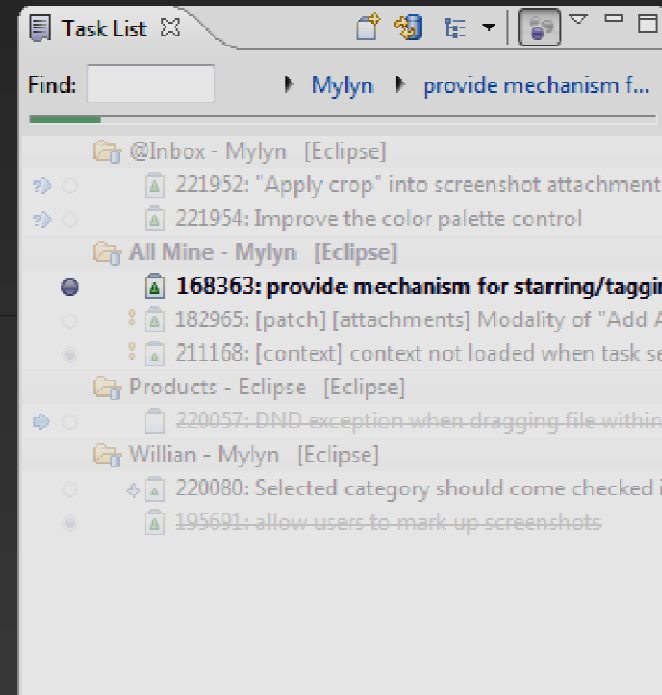
Semantic Memory

Understanding of Facts
Reinforcement Learning

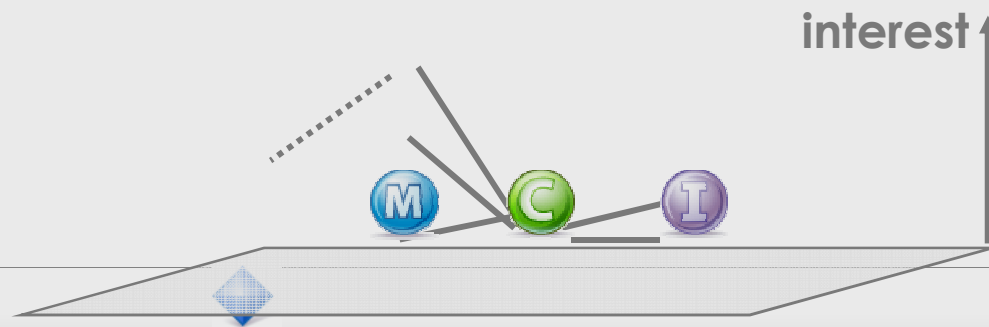
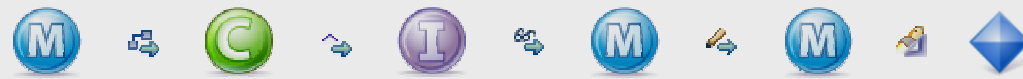


Episodic Memory

Personal History
One-shot Learning




Task-Focused Interface









Degree of Interest





 **Tools**

-  Language
-  Framework
-  Build

-  Test
-  Sources
-  Tasks

X

 **IDE**

- Completion
- Refactoring
- Designers

X

 **TFI**

- Tasks
- Context
- Collaboration

Flow

I = integrated

Focus

I = you

Transformations



Working on
cool new feature
:)

Fixing bug 123

Lunch

Fixing bug 123

Swapping & Searching

Working on
cool new feature

This looks
familiar...

Where was
I?

We've got
a problem

Monday Morning





Subversive

CodeBeamer

Subclipse



Mantis

DLTK

PDE

Bugzilla

Java

Spring IDE

Origo

Mylyn

IDE

STS

RT

JIRA

Trac

CVS

Tasks

Rally

Web

Documents



Gmail

Jazz

Gcal

FogBugz

Outlook



SourceForge EE





Language

Java

XML



Framework

Spring

Hibernate



Build

Bamboo



Test

JUnit



Sources

SVN

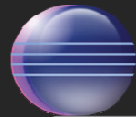


Tasks

JIRA

Example: Java EE Project





Eclipse Java IDE



Gmail



PowerPoint



Docs



Google Cal



Exchange



Desktop



Wikipedia



Outlook



JIRA



Spring XML



Firefox



Bugzilla



Java



Docs

Tasks

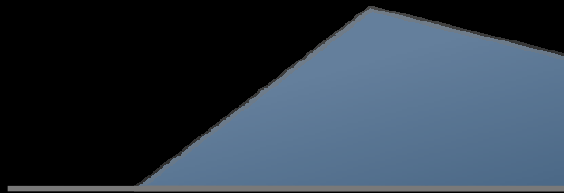
Docs

Web

Cal

Task-Focused Workday





Browse



Search



Focus

| | | | |
|-------|-------------|-----------|--------------------|
| Tech | File System | Indexing | Degree-of-interest |
| Devs | Code | Structure | Tasks |
| Infos | Documents | Page Rank | |

Evolution of Productivity Tools

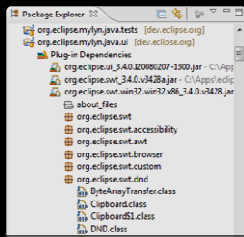


Problem

Speaker
Resonance

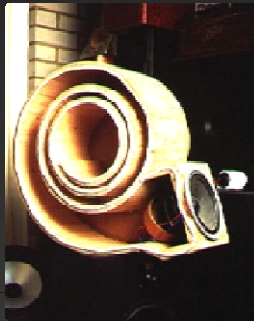


Information
Overload

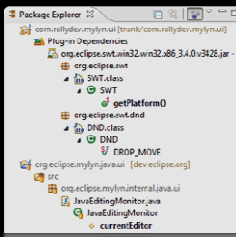


Insight

Curve the
Speaker

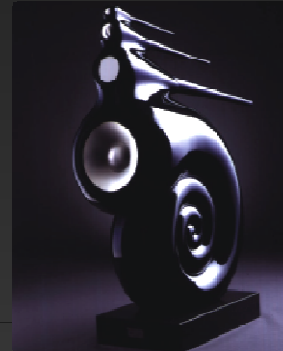


Monitor
Interaction



Solution

B & W
Nautilus

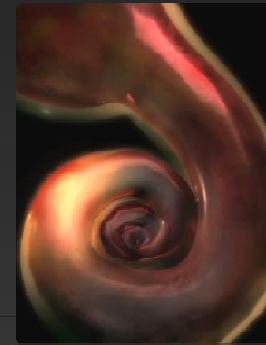


Task-Focused
Interface

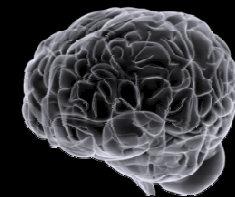


Imitation

Human
Cochlea



Episodic
Memory





Looking ahead...





tasktop.com/blog

eclipse.org/mylyn