{ Cloud based } Web IDE introduction

@Silicon Valley

Feedback & Questions

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Discover IDEs what could happen beyond the Clouds

{ 김장윤 }

IDE,

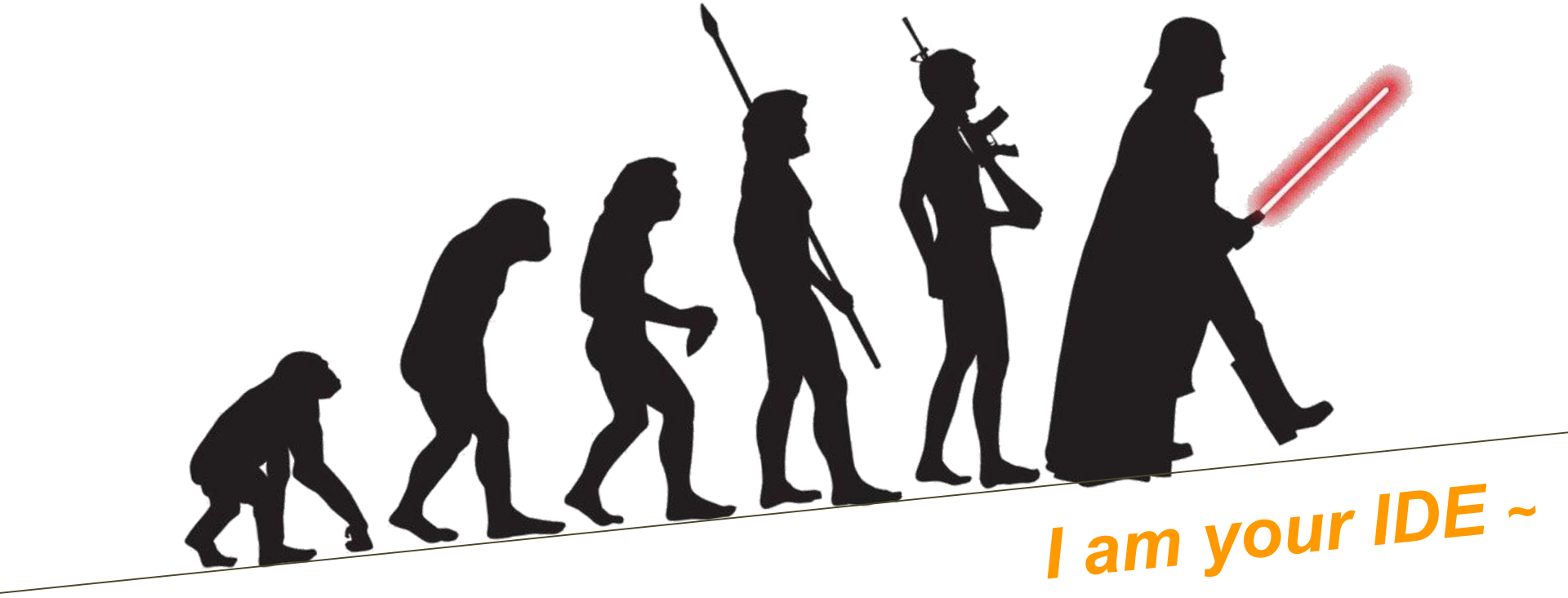
the emergence & evolution

IDE

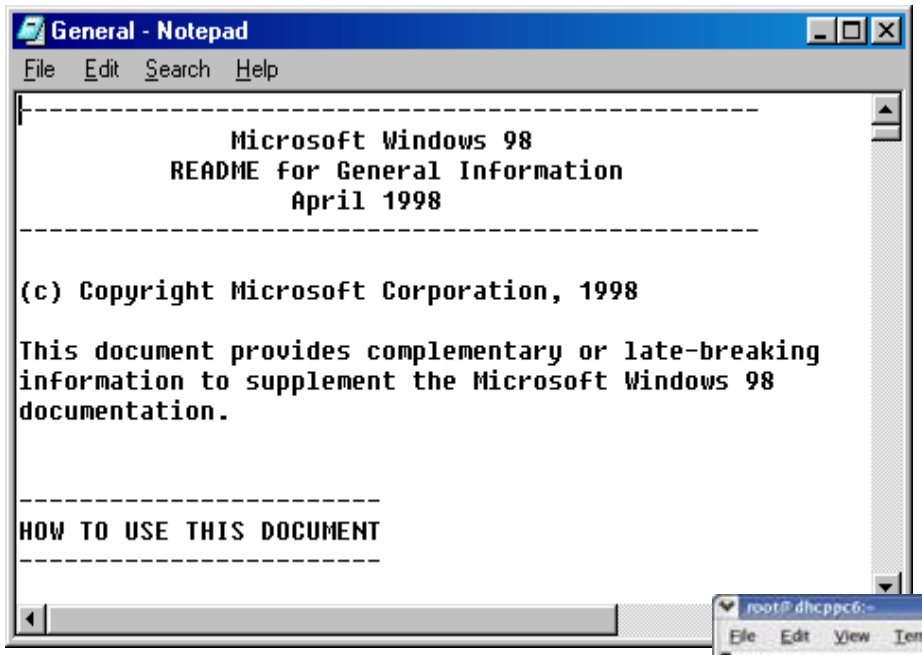
『 **Maestro I** 』 was the world's first integrated development environment for software. It was developed by Softlab Munich,1975

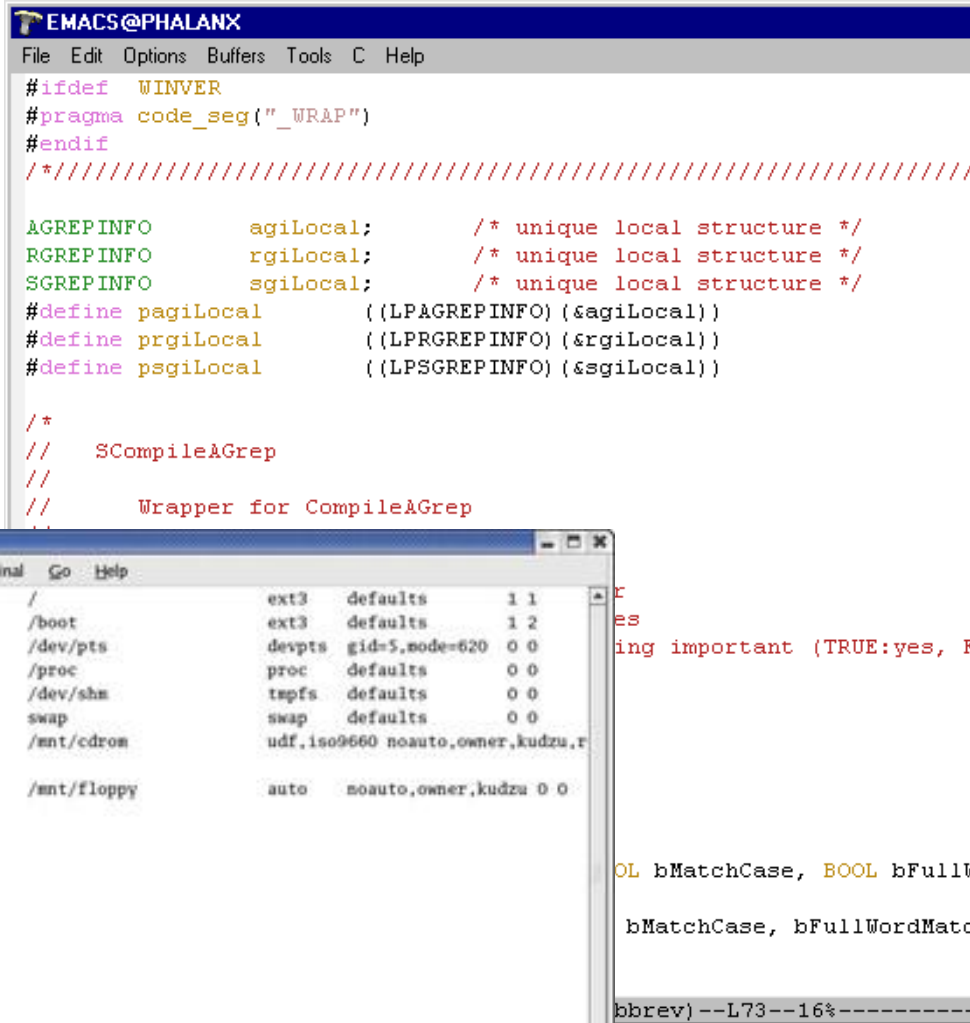
(source: wikipepia)

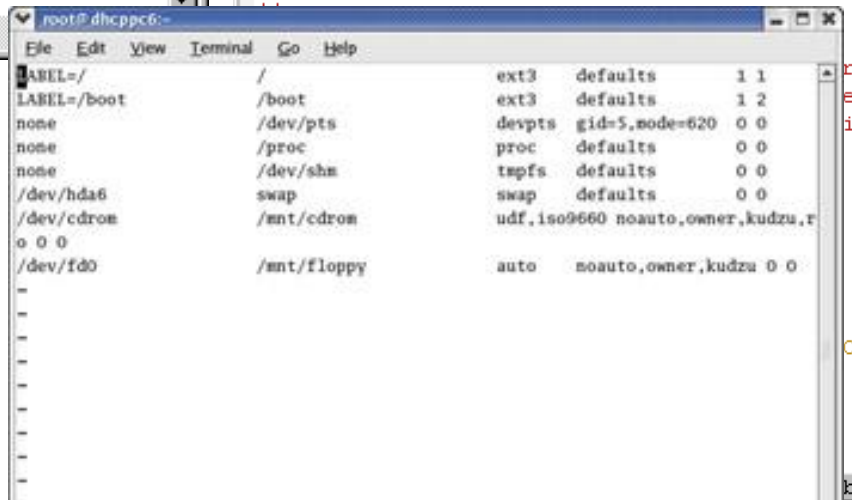
Evolution of IDE



Notepad?


General - Notepad
File Edit Search Help
Microsoft Windows 98
README for General Information
April 1998
(c) Copyright Microsoft Corporation, 1998
This document provides complementary or late-breaking information to supplement the Microsoft Windows 98 documentation.
HOW TO USE THIS DOCUMENT


EMACS@PHALANX
File Edit Options Buffers Tools C Help
#ifdef WINVER
#pragma code_seg("_WRAP")
#endif
AGREPINFO agiLocal; /* unique local structure */
RGREPINFO rgiLocal; /* unique local structure */
SGREPINFO sgiLocal; /* unique local structure */
#define pagiLocal ((LPAGREPINFO)(&agiLocal))
#define prgiLocal ((LPRGREPINFO)(&rgiLocal))
#define psgiLocal ((LPSGREPINFO)(&sgiLocal))
/*
// SCompileAGrep
//
// Wrapper for CompileAGrep

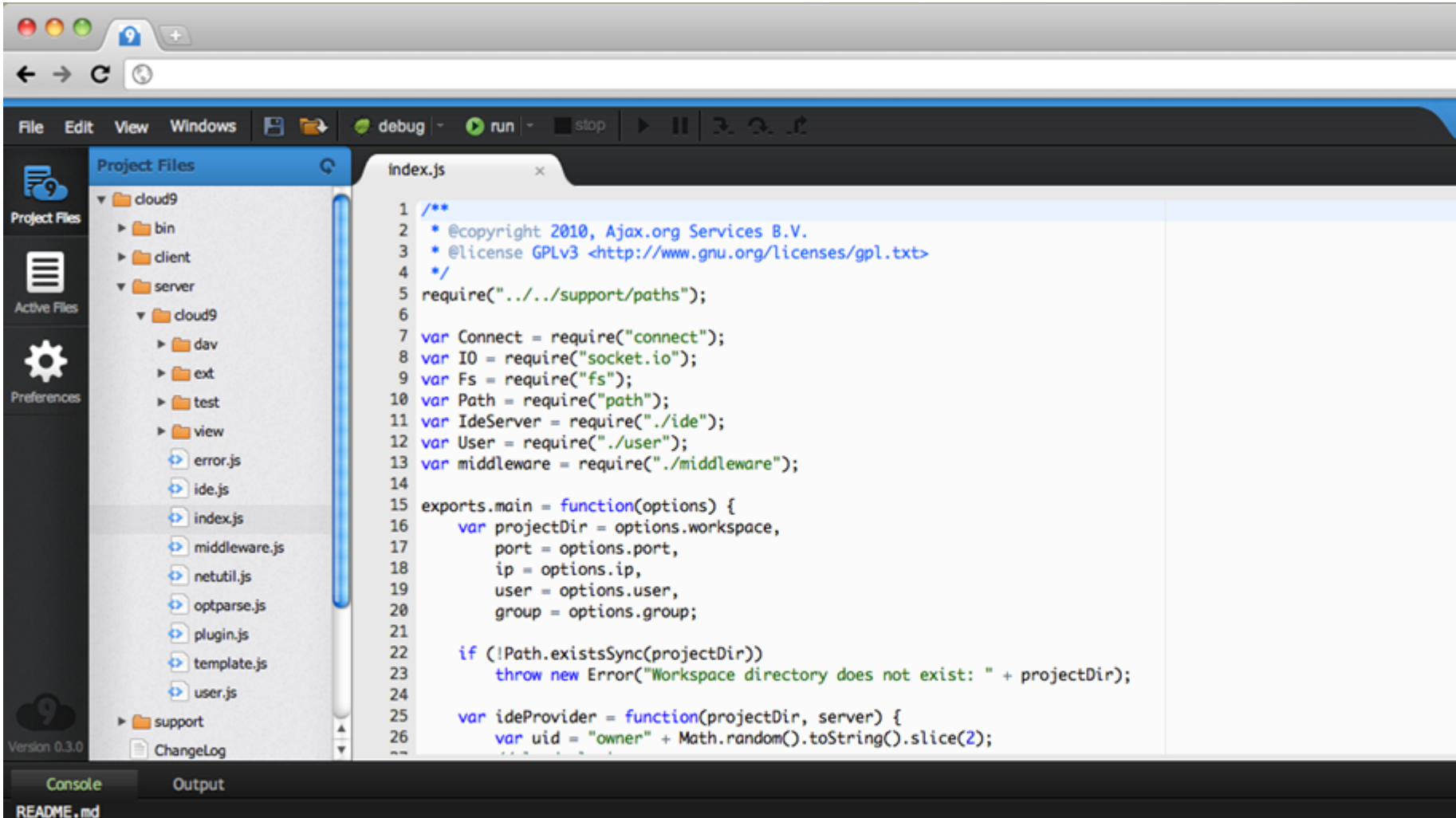

root@dhcppc6:~
File Edit View Terminal Go Help
LABEL=/ / ext3 defaults 1 1
LABEL=/boot /boot ext3 defaults 1 2
none /dev/pts devpts gid=5,mode=620 0 0
none /proc proc defaults 0 0
none /dev/shm tmpfs defaults 0 0
/dev/hda6 swap swap defaults 0 0
/dev/cdrom /mnt/cdrom udf,iso9660 noauto,owner,kudzu,r
o 0 0
/dev/fd0 /mnt/floppy auto noauto,owner,kudzu 0 0

IDE

On Cloud

+ Open Source

{ Cloud based } Web IDE

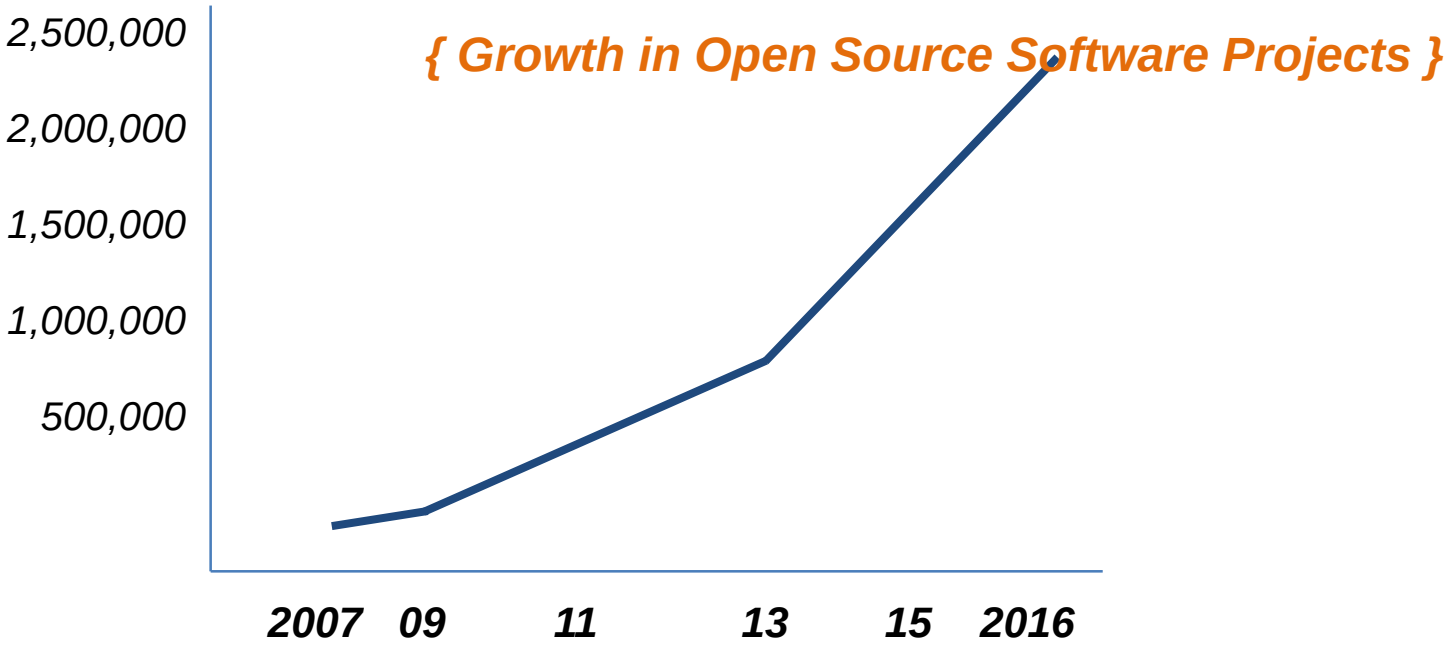


{ Cloud based } Web IDE, benefits?

- Need only web browser
- Require no installation
- Build, debug & run on the Cloud
- Collaborate in the same page
- Support various programming languages in single platform

If you create your Cloud IDE,

Think Open Source Software



(Source: Black Duck Management Webinar 2014)

the Rule of Game

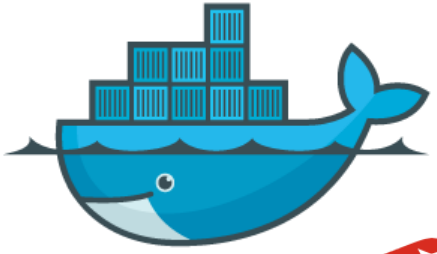
Cloud based Web IDE

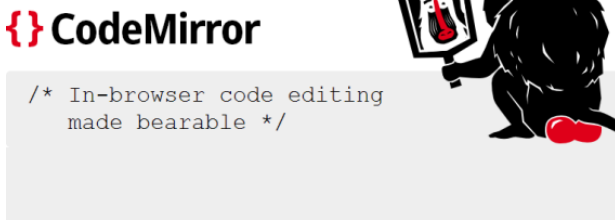
with Open Source

Be chef with Open Source

Open Source Software(s)

of Cloud based Web IDE





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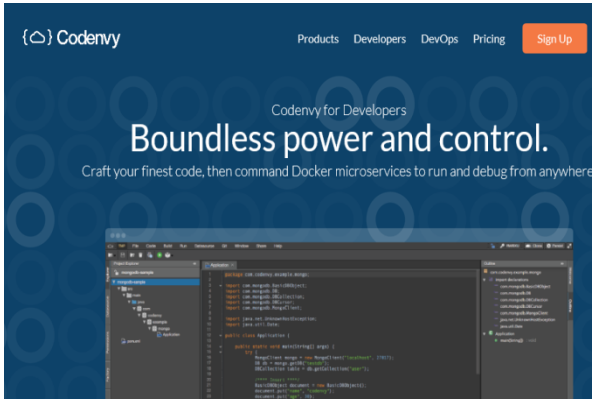
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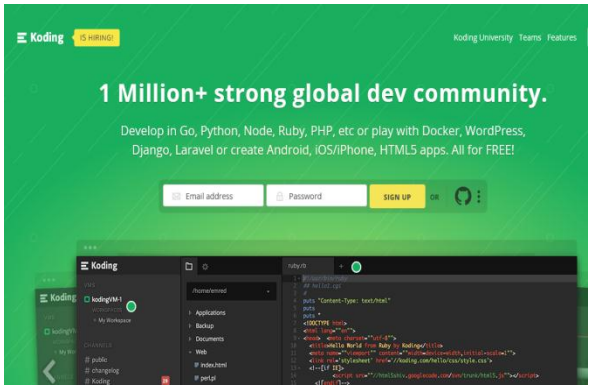
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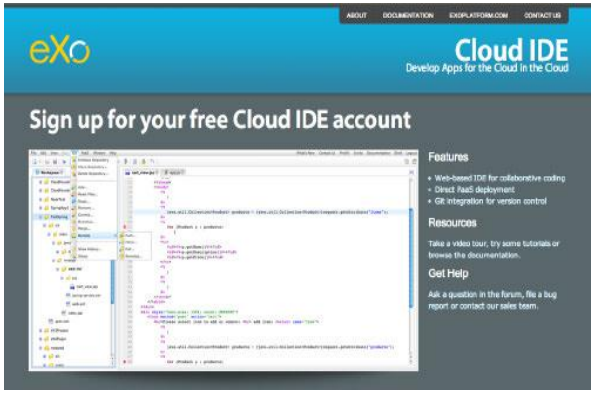
eXo
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Features
Resources
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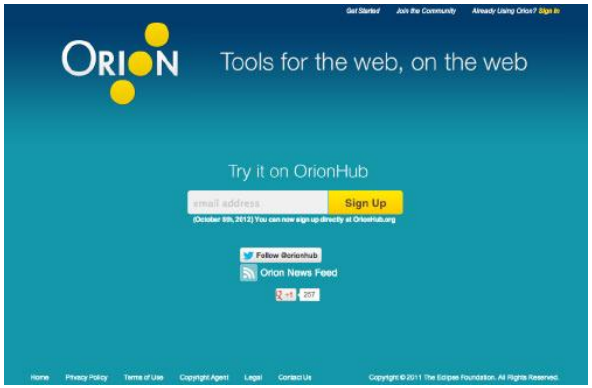
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.htaccess
img_Fish_1600.jpg
img_Yellow_1600.jpg
index.html
perl.pl
Your servers
php.php
<?php
echo 'Hello World from PHP'
?>

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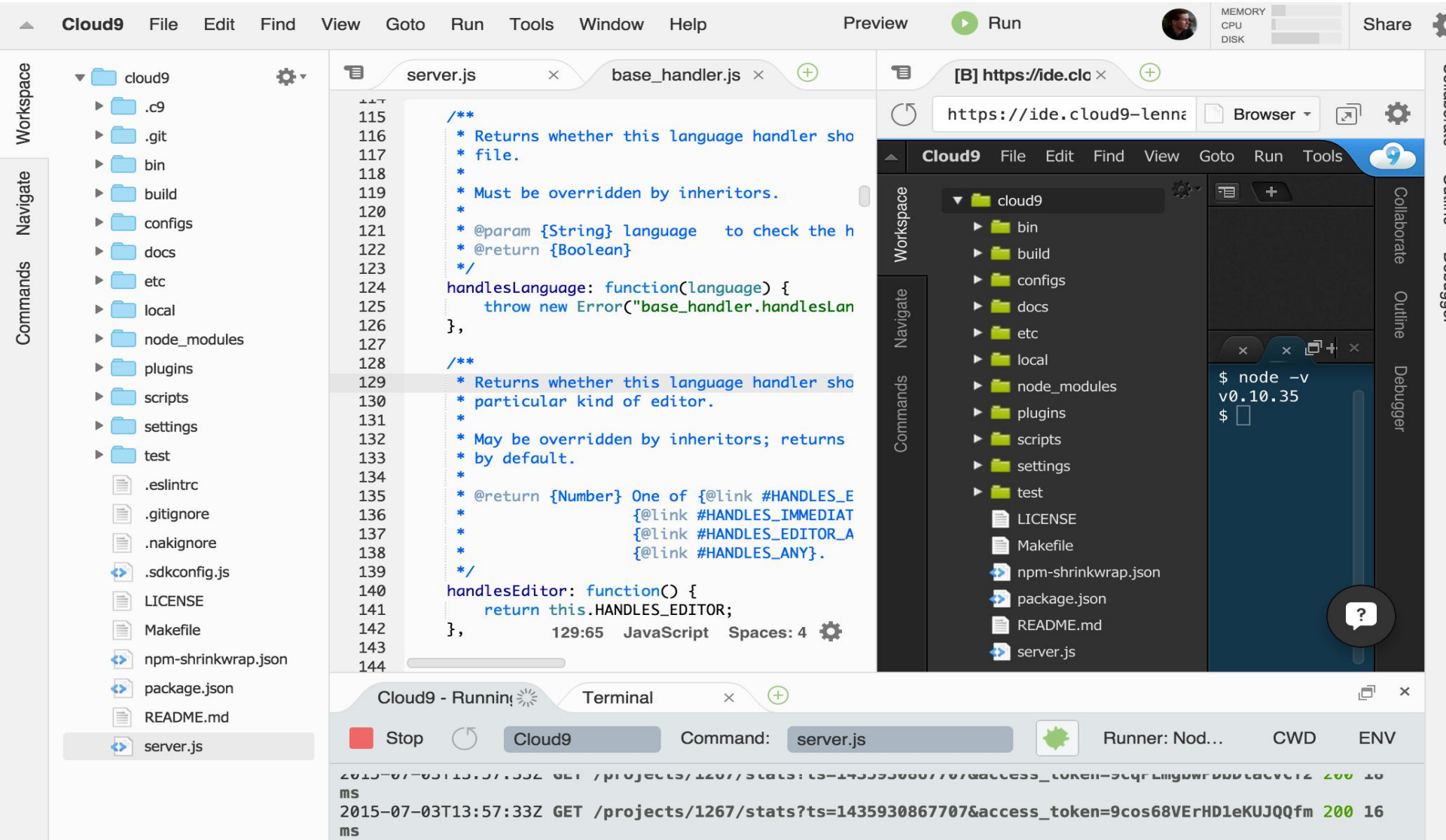
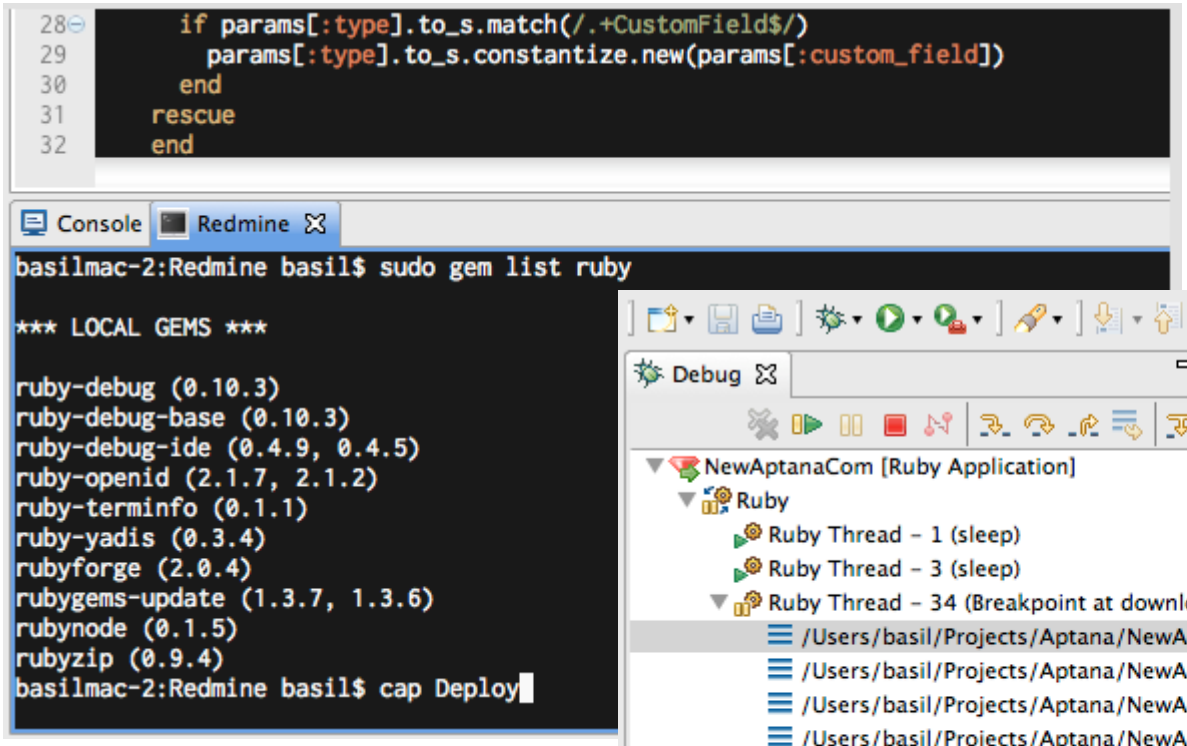
GET STARTED
A full-featured IDE in your browser

Offline Desktop to Cloud

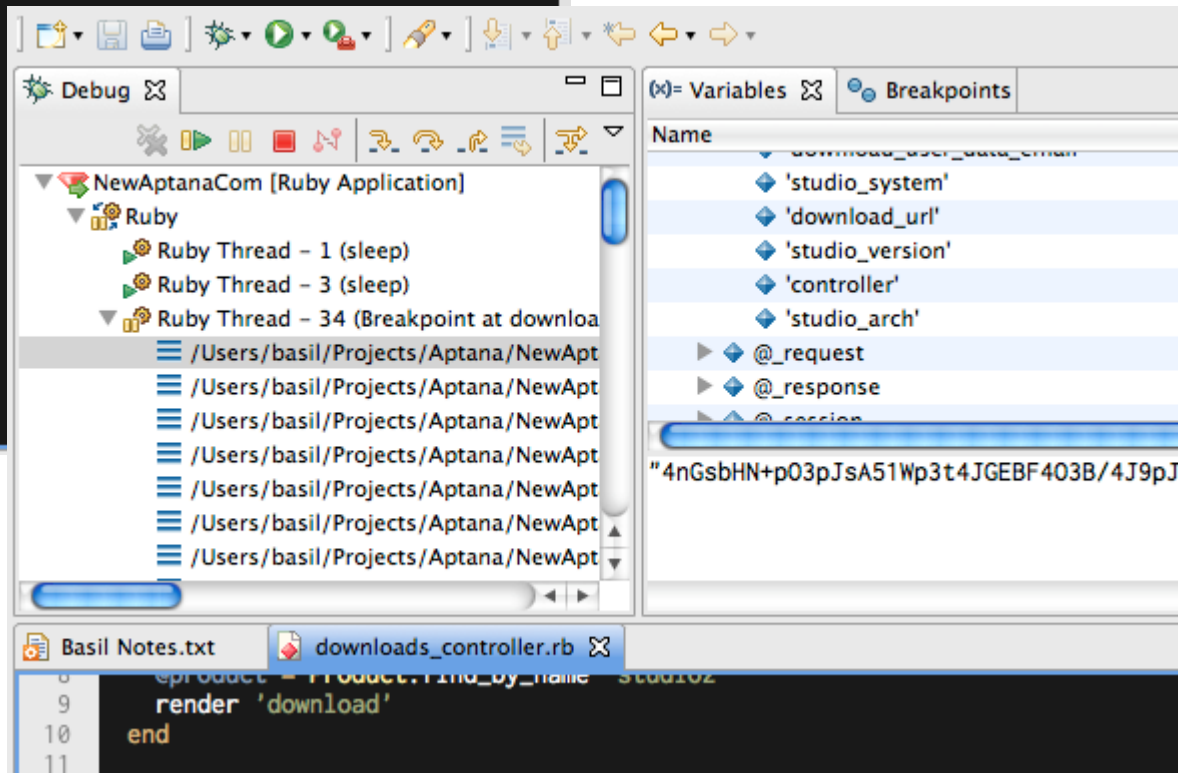


Offline Desktop to Cloud

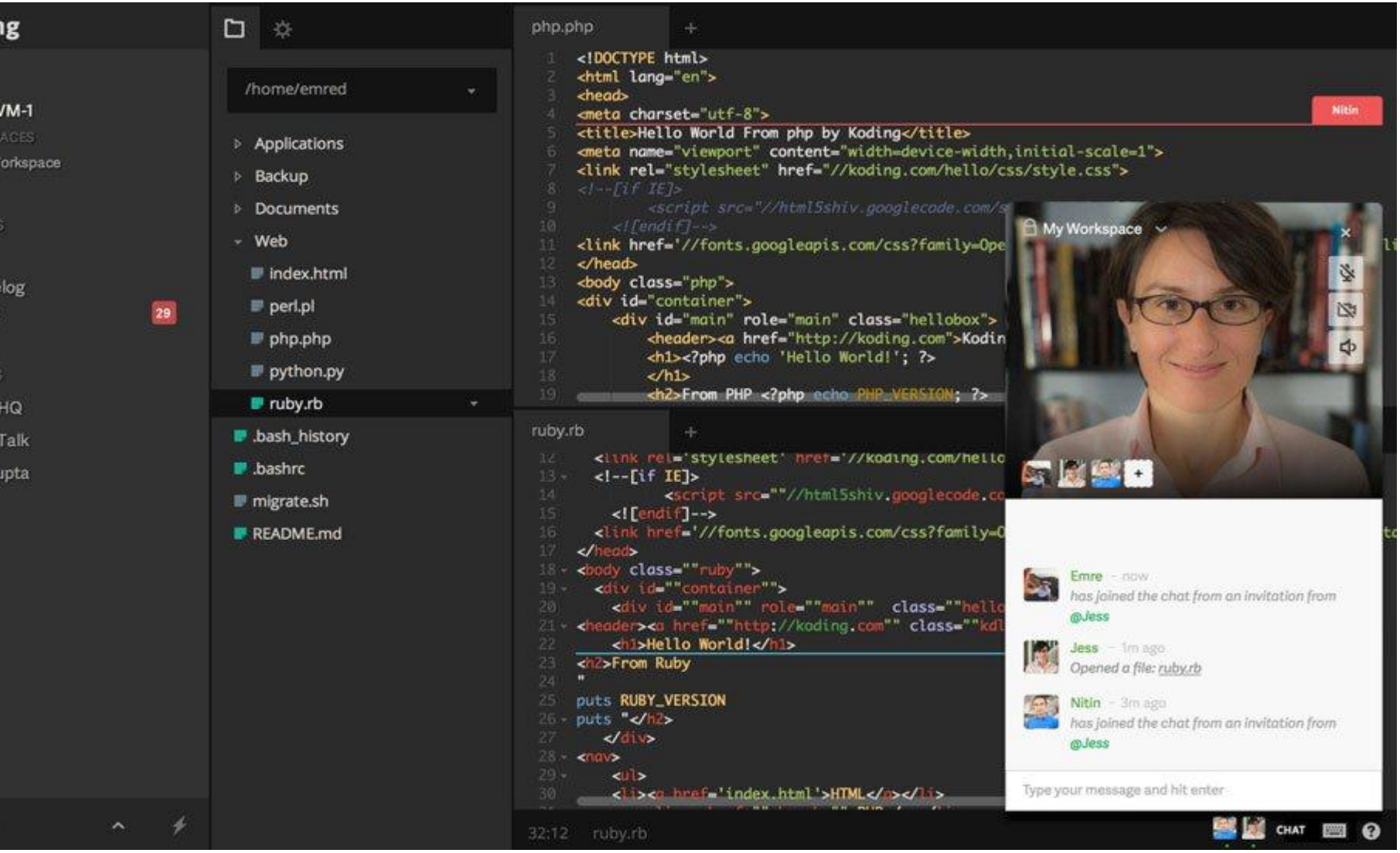


{ Built-in Terminal }

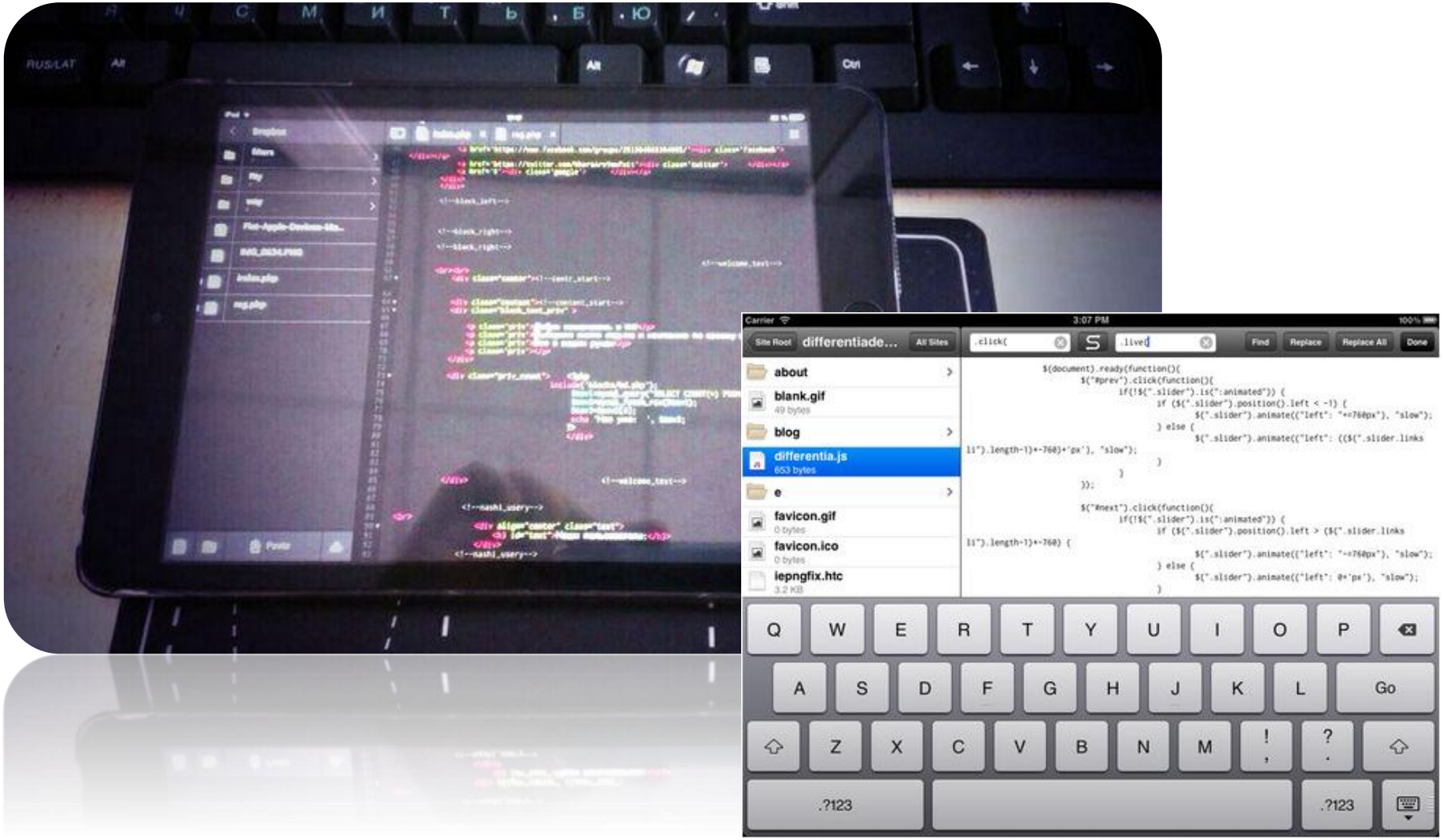
{ Integrated Debugger }



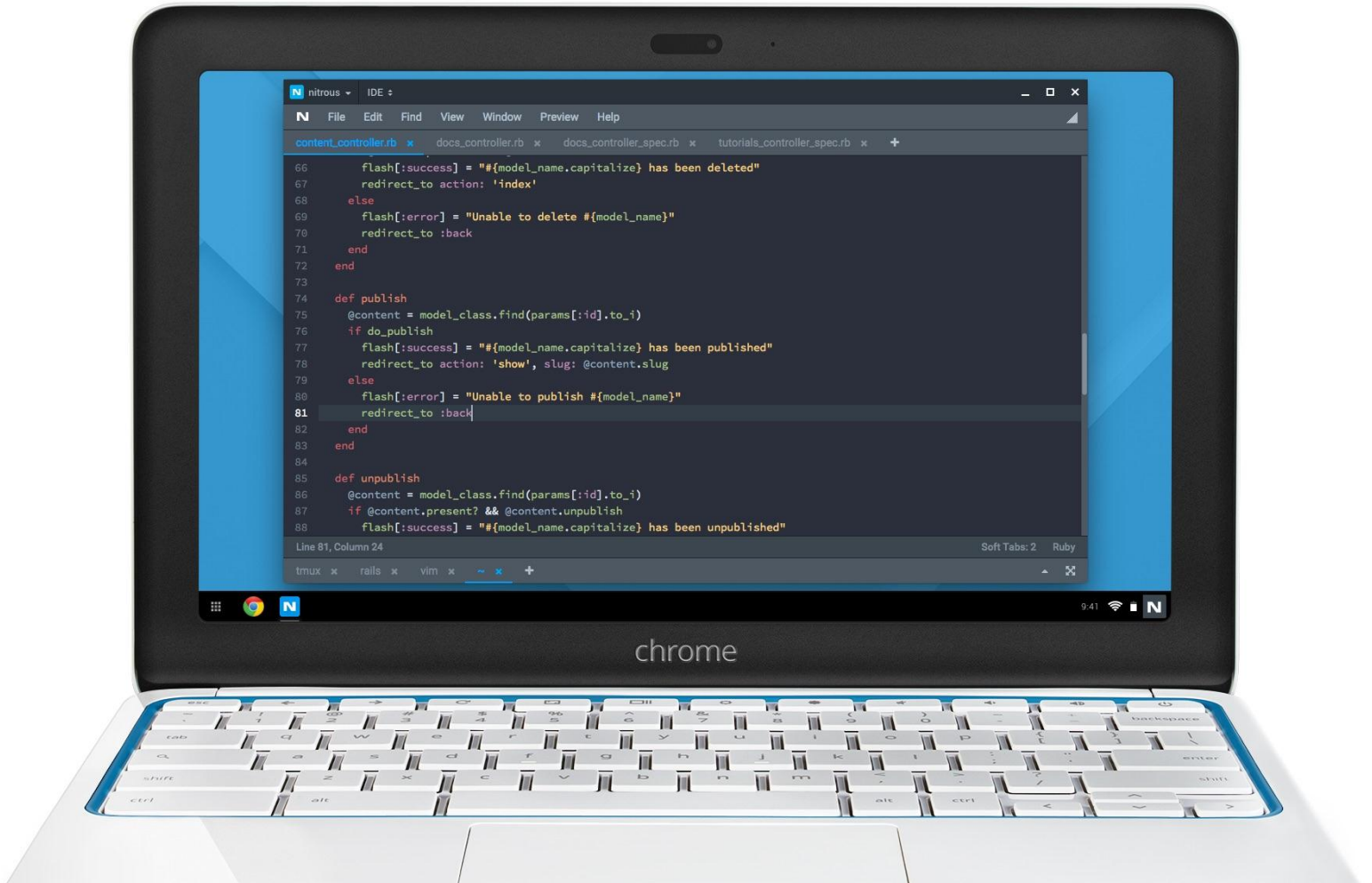
Collaborative Coding



Coding on iPad



Coding on chromebook



Cloud based Web IDE, what for?

Subscription Service

Education

Standard coding tool for SI companies

Secure coding space

Outsourcing

Publishing

Next?

(photo from Time magazine)

감사합니다!