快速追蹤程式碼

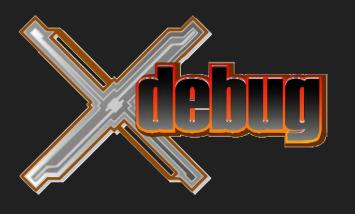
看程式碼像瞎子摸象?來學怎麼當個鍵盤柯南!

- 追蹤程式碼
 - Xdebug
- 為什麼要追蹤框架程式碼
 - 文件
- PhpStorm
 - 快捷鍵
- Live Demo

追蹤程式碼

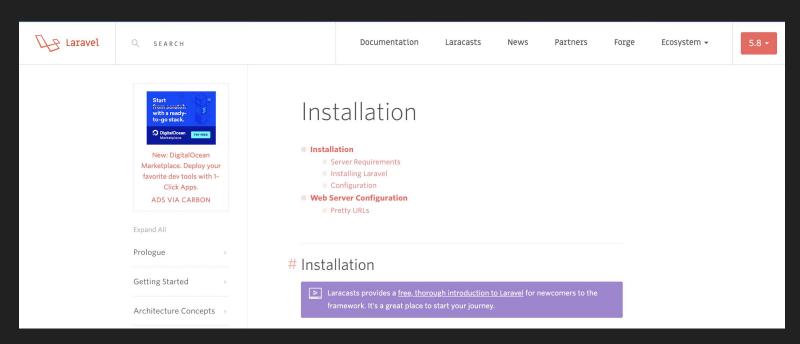


工作不是只有 coding





為什麼要追蹤「框架」程式碼



不是都有官方文件嗎

官方文件有時候說不清楚

- 缺乏維護,翻譯錯誤……等等
- 有時候直接看程式碼比較快

可直接學習其他強者的寫法

多少人能有和 Taylor Otwell 等級的大神共事的機會?

- 架構怎麼設計
- 測試怎麼撰寫
- 使用什麼套件



PhpStorm



The Lightning-Smart PHP IDE



If you are developing in PHP and are not using PhpStorm, you are working too hard.

@mikeschinkel



DEFAULT OS X KEYMAP

X + Click

^Space	Basic code completion
7.0	Show intention actions and quick-fixes
 ₩P	Parameter info (within method call arguments
^ J	Quick documentation lookup
# + mouse over code	Brief Info
36 F1	Show descriptions of error or warning at caref
^	Generate code
\circ#T	Surround with (ifelse, trycatch, for, etc.)
₩J	Insert Live template
36 /	Comment/uncomment with line comment
36分/	Comment/uncomment with block comment
17	Select successively increasing code blocks
Z1	Decrease current selection to previous state
^⊕ Q	Context info
70 36 L	Reformat code
7.3€ 1	Auto-indent line(s)
→ I	Indent selected lines
⊕ →ı	Unindent selected lines
#G·V	Paste from recent buffers
36 D	Duplicate current line or selected block
#≪	Delete line at caret
107	Move line up
7.01	Move line down
^ & J	Join lines
# ↔	Split line
⊕ .	Start new line
¥ûU	Toggle case for word at caret or selected block
1.00€	Select till code block end
73807	Select till code block start
V.B.	Delete to word end
Y. (2)	Delete to word start
36 + / 36 -	Expand/collapse code block
☆36+	Expand all
Ω#-	Collapse all
# W	Close active editor tab

Add or remove caret Select all occurrences

Unselect occurrence

Running								
	1	R	u	n	n	i	n	c

^~R	Select configuration and run
^∵D	Select configuration and debug
^R/^D	Run/Debug
^⊕R,^⊕D	Run context configuration from editor
^#R	Rerun tests
X F11	Run Gulp/Grunt/npm tasks

Search/Replace

Usage Search

%F/%R	Find / Replace	
#G/☆#G	Find next/previous	
Ω%F	Find in path	
Ω#R	Replace in path	

Find usages

Show usages

Find usages in file

Highlight usages in file

Debugging

F8 / F7	Step over / step into	
⊕ F7	Smart step into	
Ω F8	Step out	
₹ F9	Run to cursor	
₹F8	Evaluate expression	
\%R	Resume	
3€ F8	Toggle breakpoint	
Ω # F8	View breakpoints	

N	avic	ıati	on

₩B, ₩Click	Go to declaration
# O	Go to class
⊕ #0	Go to file
7% O	Go to symbol
☆ ₩]	Go to next editor tab
☆器 [Go to previous editor tab
F12	Go back to previous tool window
0	Go to editor (from tool window)
≇ L	Go to line
3€ E	Recent files popup
- % /	Navigate back
7 ₩ →	Navigate forward
第合図	Navigate to last edit location
√ F1	Select current file or symbol in any view
√₩Β	Go to implementation(s)
∑Space, #Y	Open quick definition lookup
^ ⊕ B	Go to type declaration
₩U	Go to super-method/super-class
^†	Go to previous method
^1	Go to next method
7.83	Move to code block end
]%7	Move to code block start
^ M	Move caret to matching brace
% F12	File structure popup
^H	Type hierarchy
H 7^	Call hierarchy
F2	Next highlighted error
⊕ F2	Previous highlighted error
F4,≅↓	Jump to source
# 1	Jump to navigation bar
F3	Toggle bookmark
∵F3	Toggle bookmark with mnemonic
^0^9	Go to numbered bookmark
00 57	et a contrare to

% F7 **☆**₩ F7 \78 F7 Refactoring

Keractoring		
^т	Refactor this	
F5/F6	Copy / Move	
% ⊗	Safe Delete	
⊕ F6	Rename	
% F6	Change function signature	
7.36 N	Inline variable	
73€V	Extract Variable	
\%C	Extract Constant	
\%P	Extract Parameter	

VCS/Local History

VCS/ LOCUI I	nstory	
`V	"VCS" quick popup	
€K	Commit project to VCS	
€T	Update project from VCS	
C O C	View recent changes	

General

Double ⊕	Search everywhere
⊕¥Α	Find Action
#0 #9	Open corresponding tool window
⊕ # F12	Toggle maximizing editor
\\0 F	Add to Favorites
701	Inspect current file with current profile
^5,^`	Quick switch current scheme
¥,	Open Preferences
^-	Switch between tabs and tool window

To find any action inside the IDE use Find Action (企業A)



記不完?

下面列出 Trace Code 最常用的幾個快捷鍵

- ☆☆(Shift+Shift)
- □ ☆ HA(Ctrl + Shift + A)
- #B, #Click(Ctrl+B, Ctrl+Click)
- ⊕ ⊕ #F(Ctrl + Shift + F)
- $\neg \exists \leftarrow / \rightarrow (Ctrl + Alt + \leftarrow / \rightarrow)$

- - Search everywhere
- ◆ ☆ # A
 - Find Action
- #B, #Click
 - Go to declaration
- °#F
 - Find in path
- $\bullet \quad \text{TH} \leftarrow / \rightarrow$
 - Navigate back/forward

全部的配置都可以自己定義

不喜歡這些配置?沒關係

怎麼定義?

用 ☆☆ 找看看吧!

(關鍵字:keymap)

Live Demo



投影片網址

谢谢大家~