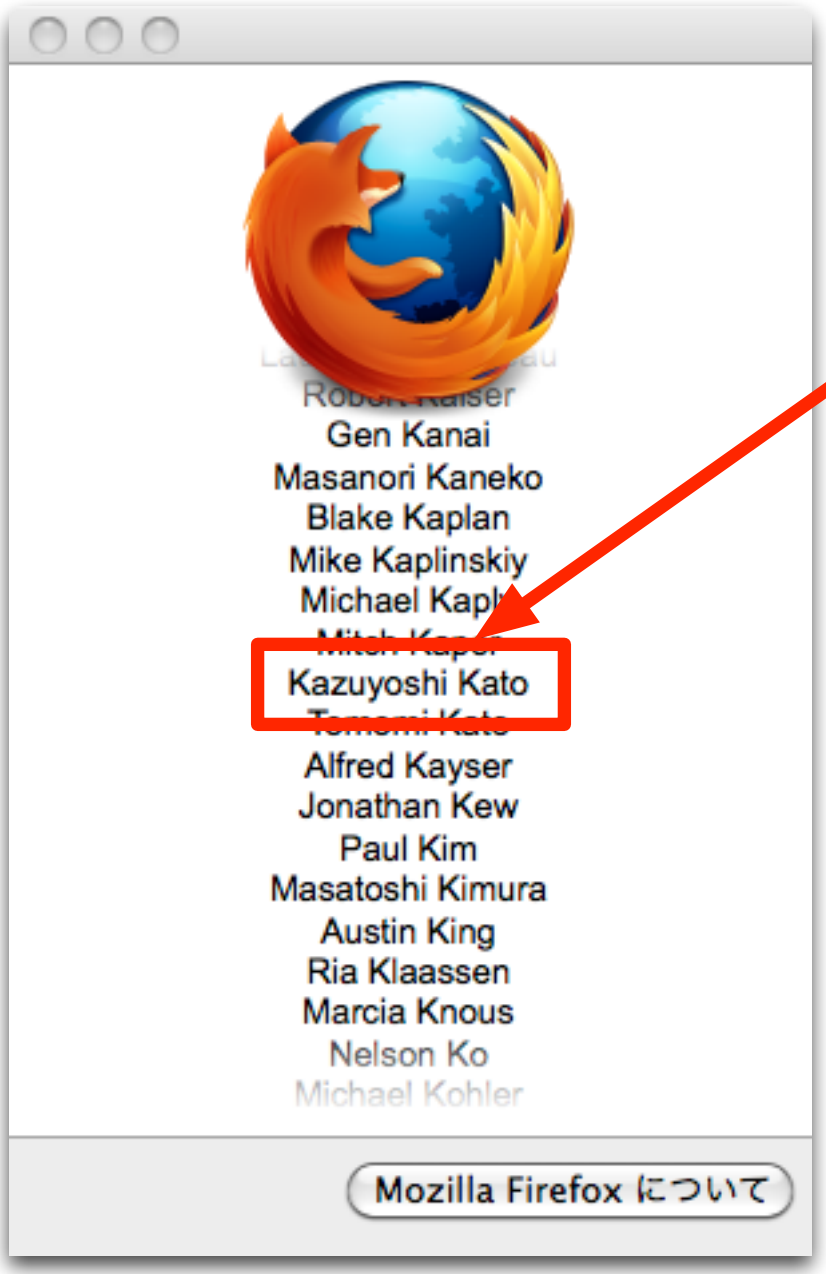
Chrome As A Server

Hacking Google Chrome Developer Tools Protocol

Kato Kazuyoshi
http://8-p.info/

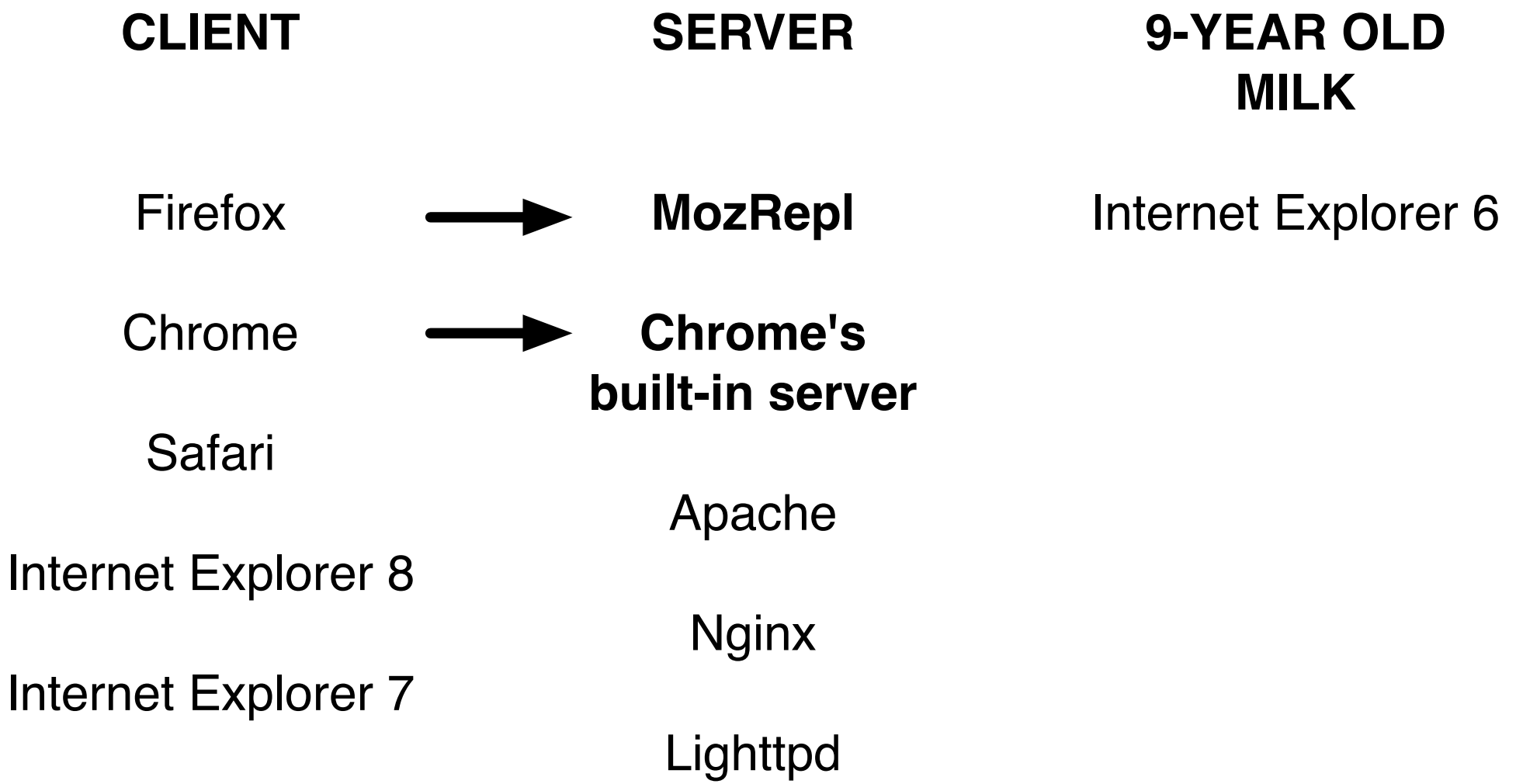

Gen Kanai
Masanori Kaneko
Blake Kaplan
Mike Kaplinskiy
Kazuyoshi Kato
Alfred Kayser
Jonathan Kew
Paul Kim
Masatoshi Kimura
Austin King
Ria Klaassen
Marcia Knous
Nelson Ko
Mozilla Firefox について
me!

CLIENT	SERVER	9-YEAR OLD MILK
Firefox		Internet Explorer 6
Chrome		
Safari		
Internet Explorer 8	Apache	
Internet Explorer 7	Nginx	
	Lighttpd	

CLIENT		SERVER	9-YEAR OLD MILK
Firefox	→	**MozRepl**	Internet Explorer 6
Chrome			
Safari			
Internet Explorer 8		Apache	
Internet Explorer 7		Nginx	
		Lighttpd	

DEMO

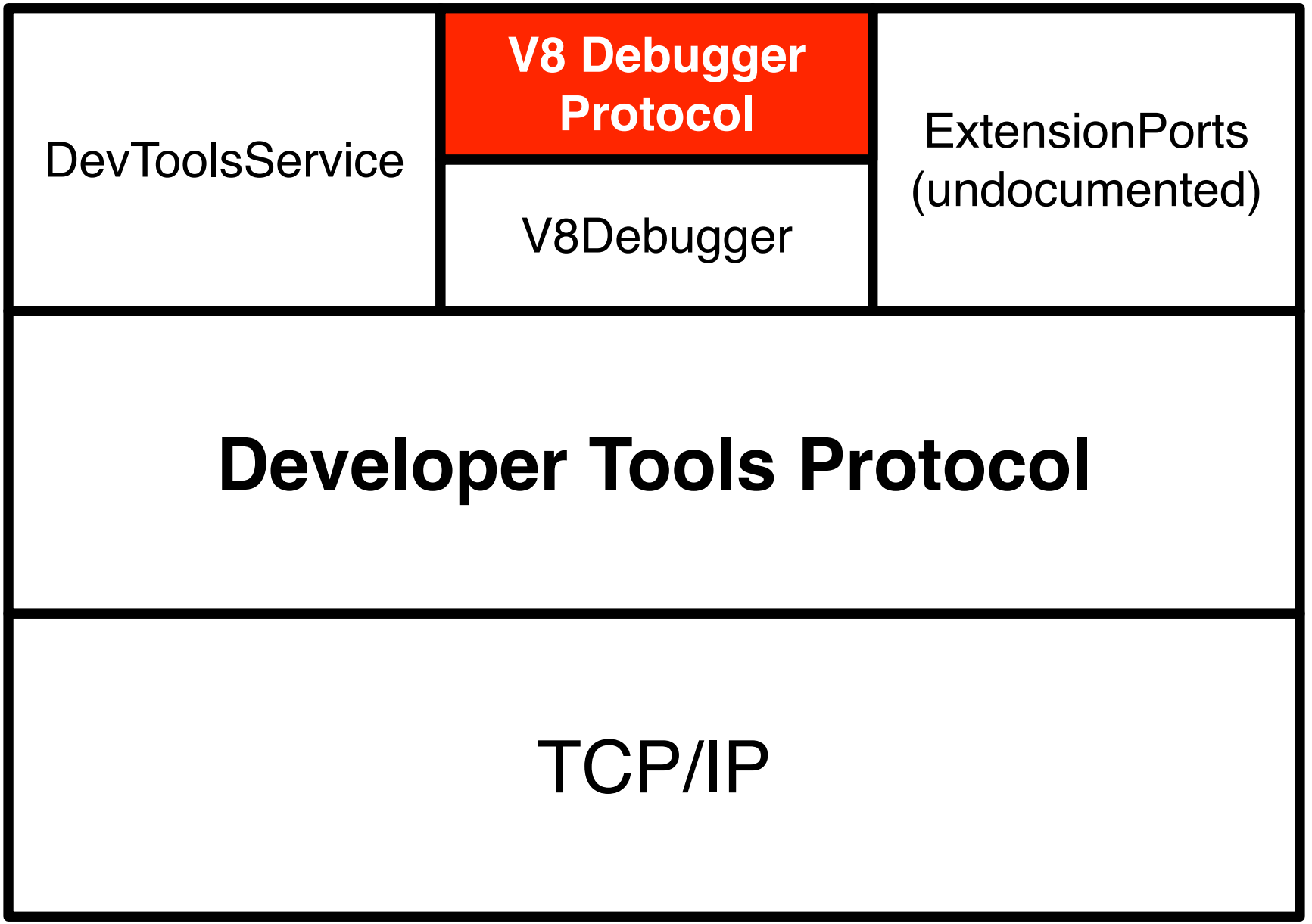
MozRepl


CLIENT
SERVER
9-YEAR OLD MILK
Firefox
MozRepl
Internet Explorer 6
Chrome
Chrome's built-in server
Safari
Apache
Internet Explorer 8
Nginx
Internet Explorer 7
Lighttpd

```
Tool:DevToolsService
Content-Length:23

{"command":"list_tabs"}
...
```

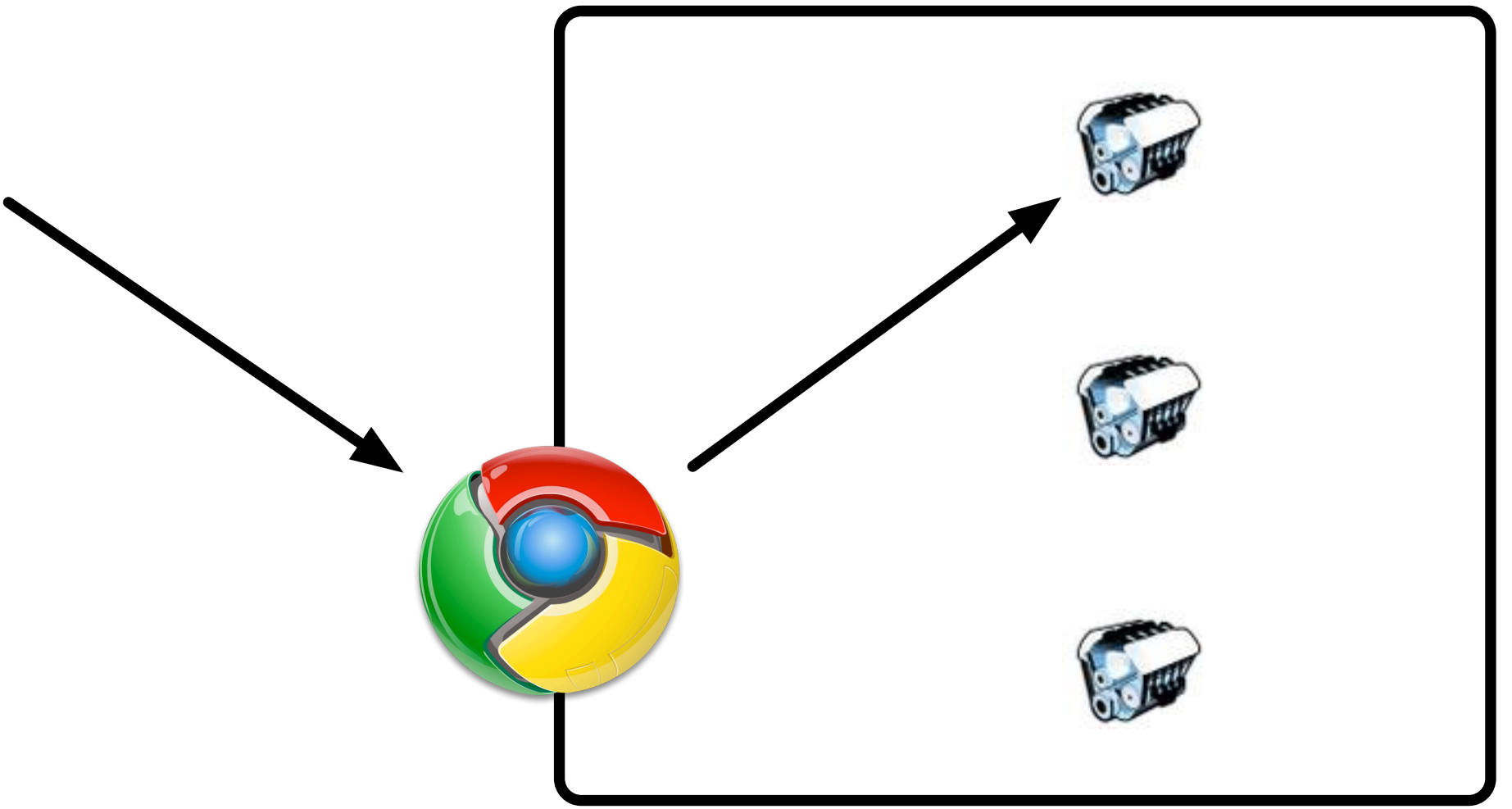
DEMO
Developer Tools Protocol


DevToolsService
V8 Debugger Protocol
V8Debugger
ExtensionPorts (undocumented)
Developer Tools Protocol
TCP/IP

V8

has remote debugger

(You can use it on Node too)



DEMO
V8 Debugger Protocol

WRAP UP

Firefox and Chrome are not just a client.
These browsers can become a server.

And it is useful for **developer**.

So today is "developers conference".
It's useful for you!

Thank you!

`http://github.com/kzys/chromerepl`