



# Mentored Bugs

---

Thomasy ( Yu-Sian Liu ) from MozTW

---

Who Am I ?

---


mozillians

# Your Profile

**YS Liu**

Email  
[thomas@thomasy.tw](mailto:thomas@thomasy.tw)

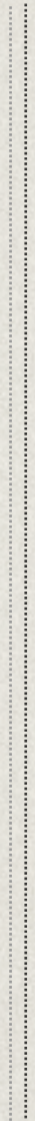

Website  
<http://thomasy.tw/>

Vouched by  
[Po-chiang Bob Chao](#) 

Bio  
I start my Mozillian life as a user since 2006. I am an active Mozilla add-ons developer now.

Groups

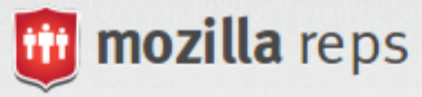
- mobile
- firefox
- add-ons
- webdev
- thunderbird
- asia
- mozilla reps
- english
- moztw
- taiwan



Mozillian

Yu Sian Liu [Sign out]

mozilla



Dashboard

People

Events

Planet

Wiki

Labs

FAQ

Edit profile

Yu Sian Liu  
(that's you!)  
thomasy



I start my Mozillian life as a user since 2006. I am an active Mozilla add-ons developer now.

Monthly Reports

2012

JAN / FEB / MAR / APR / MAY / JUN / JUL / AUG / SEP / OCT / NOV / DEC



Location Taipei - Taiwan - Taiwan

Gender Male



Personal Mail thomasysliu@gmail.com

Bugzilla Mail thomas@thomasy.tw

Mozillia Reps



thomasy ▾ Tools ▾ Other Applications ▾

mozilla

🏠 » thomasy

*thomasy*

Edit profile

About me

Name	thomasy
Location	Taiwan
Occupation	student
Homepage	<a href="http://thomasy.tw/">http://thomasy.tw/</a>
User since	August 28, 2011
Number of add-ons developed	11 add-ons
Average rating of developer's add-ons	★★★★☆



Add-ons  
developer

First Last Prev Next This bug is not in your last search results.

**Bug 688382 - :first-letter incorrectly overwrites text-transform rule (edit)**

**Status:** RESOLVED FIXED (edit)

**Whiteboard:**

**Keywords:**

**Product:** Core

**Component:** Style System (CSS)

**Version:** Trunk

**Platform:** All

**Reported:** 2011-09-22 01:30 PDT by Razor

**Modified:** 2012-09-07 21:16 PDT (History)

**CC List:** 10 users including you (edit)

- ananuti@gmail.com
- bzbarsky@mit.edu
- dbaron@dbaron.org
- jfkthame@gmail.com
- moz@jeka.info
- phiw@l-c-n.com

**Importance:** - normal (vote)

**Target Milestone:** mozilla18

**Assigned To:** Thomasy (edit)

**QA Contact:** (edit) (take)

**Flags:** ryanvm: in-testsuite +

(more flags)

**See Also:** Add Bug URLs:

**URL:**

**Depends on:**

**Blocks:**

**Crash Signature:**

Firefox developer

---

Mentored bugs? What are those?

---

# Mentored bugs?

For newcomers that have no idea how to get started

Don't know what they can or even *want* to work on

---

# My Own Story

---

**Bug 688382** - Add some logic for text-transform checking to avoid merging the first-letter text-frame with the rest. r=roc

author Yu-Sian (Thomasy) Liu <thomas@thomasy.tw>  
 Fri Sep 07 16:23:01 2012 -0400 (at Fri Sep 07 16:23:01 2012 -0400)

changeset 104609 46a0f7a74d53  
 parent 104608 ba0c96f30bd3  
 child 104610 c87c20436def  
 pushlog: [46a0f7a74d53](#)

```

1.1 --- a/layout/generic/nsTextFrameThebes.cpp
1.2 +++ b/layout/generic/nsTextFrameThebes.cpp
1.3 @@ -1549,25 +1549,27 @@ BuildTextRunsScanner::ContinueTextRunAcr
1.4     // breaks text into different frames even though the text has the same
1.5     // direction. We can't allow these two frames to share the same textrun
1.6     // because that would violate our invariant that two flows in the same
1.7     // textrun have different content elements.
1.8     return false;
1.9 }
1.10
1.11 nsStyleContext* sc2 = aFrame2->GetStyleContext();
1.12 + const nsStyleText* textStyle2 = sc2->GetStyleText();
1.13 if (sc1 == sc2)
1.14     return true;
1.15
1.16 const nsStyleFont* fontStyle1 = sc1->GetStyleFont();
1.17 const nsStyleFont* fontStyle2 = sc2->GetStyleFont();
1.18 nscoord letterSpacing1 = LetterSpacing(aFrame1);
1.19 nscoord letterSpacing2 = LetterSpacing(aFrame2);
1.20 return fontStyle1->mFont.BaseEquals(fontStyle2->mFont) &&
1.21     sc1->GetStyleFont()->mLanguage == sc2->GetStyleFont()->mLanguage &&
1.22 +   textStyle1->mTextTransform == textStyle2->mTextTransform &&
1.23     nsLayoutUtils::GetTextRunFlagsForStyle(sc1, fontStyle1, letterSpacing1) ==
1.24     nsLayoutUtils::GetTextRunFlagsForStyle(sc2, fontStyle2, letterSpacing2);
1.25 }
```

**Blah Blah H1**  
**Blah Blah Blah Blah Blah**  
**Blah Blah Blah**  
**Blah Blah Blah Blah**

**Blah Blah H2**  
**Blah Blah Blah Blah Blah Blah Blah**  
**Blah**

**Blah blah h1**  
**Blah Blah Blah Blah Blah**  
**Blah Blah Blah**  
**Blah Blah Blah Blah**

**Blah blah h2**  
**Blah Blah Blah Blah Blah Blah Blah**  
**Blah**

# What does that require?

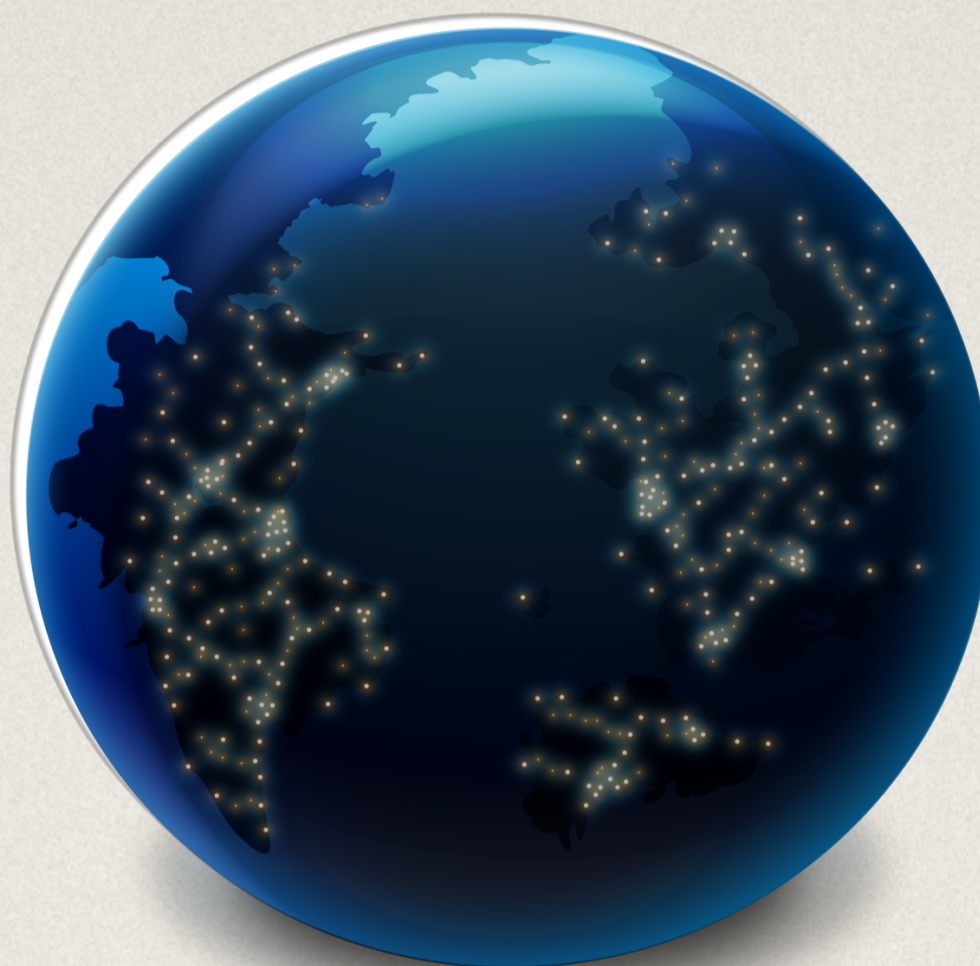
All you need to know is to get on the IRC  
( [#mozilla-taiwan](https://irc.mozilla.org))

kennyluck: “Taiwanese folks getting on IRC  
have 100% rate of conquering mentored  
bugs” .

---

# What You Will Learn

---



# BUILDS FIREFOX

---



# Simple Firefox build

HISTORY

EDIT

This article is in need of a technical review.

This page covers the basic steps needed to build a bleeding-edge, development version of Firefox. For additional, more detailed information, see the [build documentation](#).

## Build prerequisites

Depending on your Operating System you will need to carry out a different process to prepare your machine. So firstly complete the instructions for your OS and then continue following these build instructions.

[Windows build prerequisites \[en-US\]](#)

[Linux and MacOS build preparation \[en-US\]](#)

## Get the source

Get the latest source code from Mozilla's Mercurial code repository. This may take a while; it's a lot of code!

```
hg clone https://hg.mozilla.org/mozilla-central
```

**TABLE OF CONTENTS**

- [Build prerequisites](#)
- [Get the source](#)
- [Build configuration \(optional\)](#)
- [Building](#)
- [Running](#)
- [How to update and build again](#)

TAGS FILES

---

# Mentored Bugs Steps

---

1. Get a Bugzilla account

2. Build Firefox

3. Make a patch

---

# Where Can I Find Those Bugs?

---

# Bugs Ahoy!

*these bugs are relevant to my interests*

Are you interested in:

- Accessibility
- Build System
- Graphics
- Networking
- Javascript Engine
- Layout
- DOM and CSS technology
- Input handling
- Firefox internals
- Media
- Mobile (Android)
- Firefox UI
- Firefox Developer Tools
- Release Engineering
- Test Automation
- Firefox Sync
- Thunderbird
- SeaMonkey
- Calendar
- Boot2Gecko / Firefox OS
- Metro (Windows 8)

## Results (53)

[813034](#) - Implement table.createTBody

[812899](#) - absolutely positioned element should be vertically centered even if the height is bigger than that of the containing block

[811753](#) - Add nsIContent::IsEventAttributeName

[803947](#) - content overflows the content edge curve of certain form elements

[803677](#) - offsetTop has wrong value for element with display:table-cell

[802895](#) - implement <iframe srcdoc=""> to allow document content in iframe to be specified inline

[801632](#) - B2G MMS: MmsService does not need asyncCopy

[800553](#) - Convert the canvas helper classes to the new dom bindings

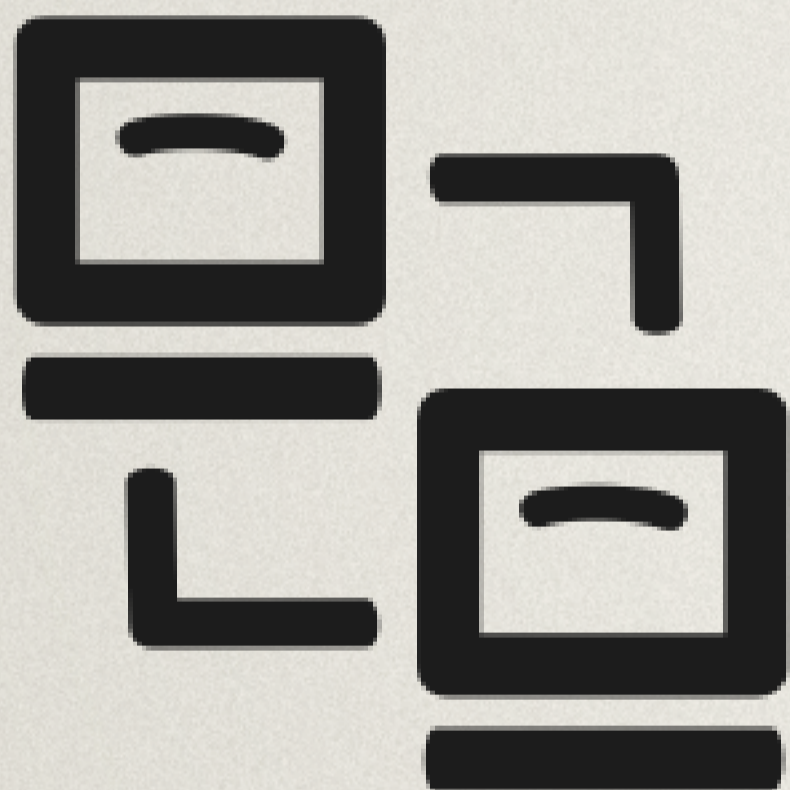
[798592](#) - Put "align-self" and "order" declarations in ua.css into their own @supports rule, to

Bugs Ahoy!

---

What Are You Waiting For?

---

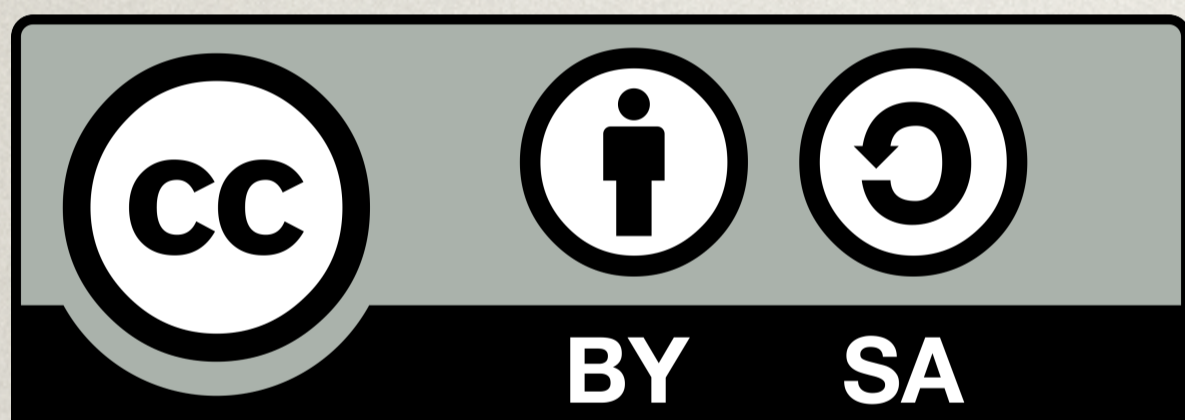


JOIN  
IRC #mozilla-taiwan  
NOW

---

# Q&A

---



# LICENSE BY Thomasy ( Yu-Sian Liu )

This slide contains a logo for a Mozilla product (such as the Firefox browser or the Mozilla Thunderbird email client) and is protected by copyright and/or trademark by the Mozilla Foundation and/or its subsidiary Mozilla Corporation. According to the Mozilla trademark policy, the logo is free to use as long as:

- It is non-confusing and non-disparaging
- It is not used commercially
- It is not modified
- It is not high resolution

<http://creativecommons.org/licenses/by-sa/3.0/tw/legalcode>  
<http://www.mozilla.org/foundation/trademarks/policy.html>