



The PHP Company

# *Unveiling* Zend Studio 8.0

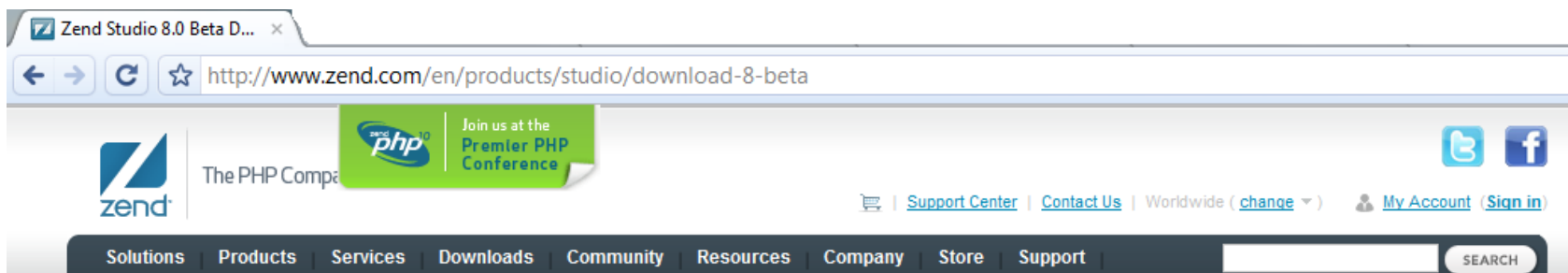
Roy Ganor

Project Lead

Zend Studio

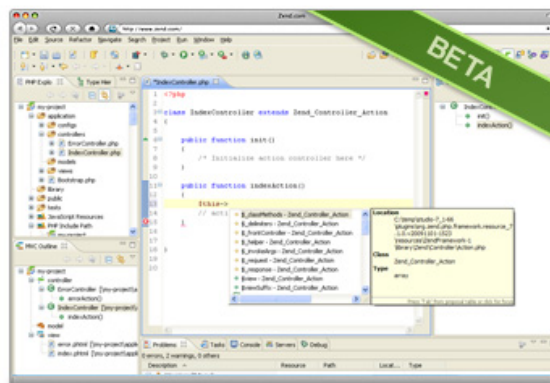
<http://twitter.com/royganor>

# Download!



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Product	Version	Format/Size	Notes
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## Zend Studio 8.0 Beta Downloads

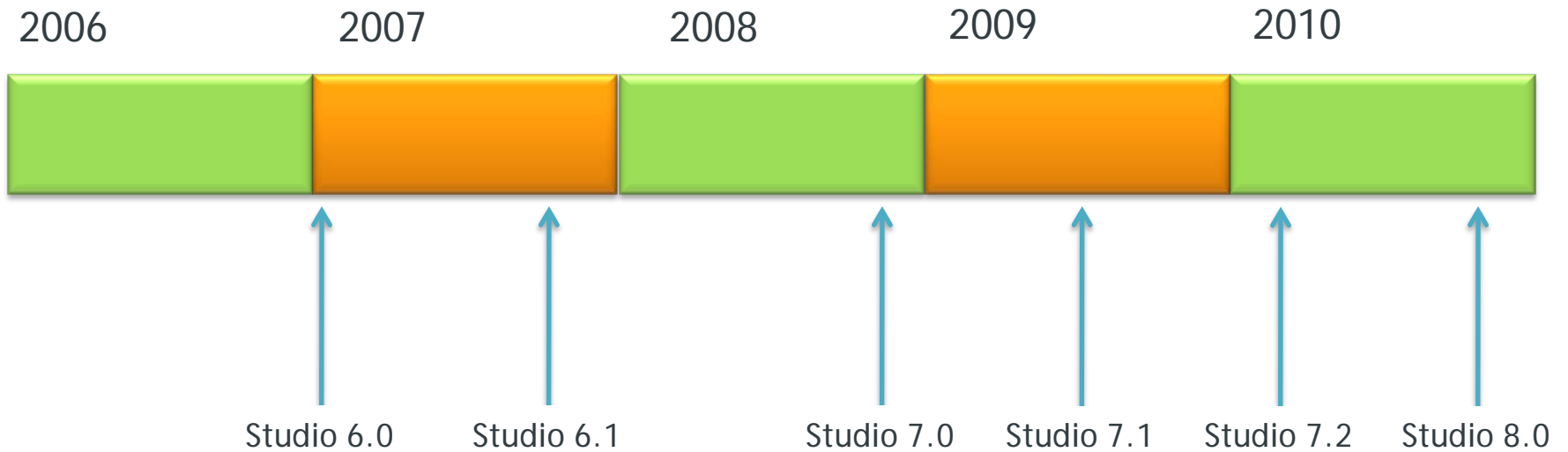
Zend Studio 8.0 Beta helps develop and debug rich Internet applications that are based on PHP and Ajax quickly and reliably with integrated support for common JavaScript libraries, including jQuery and Dojo. It also features various source code editing and navigation enhancements to make coding easier.

[Download](#) a free Zend Server trial to speed up debugging and use a reliable, up-to-date PHP stack.

Native Installers!

# Zend Studio Releases

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# Zend Studio 8.0 : Enhanced JavaScript/CSS (Ajax) Support!

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Making it easier to code and debug  
web applications that are based on  
PHP and JavaScript

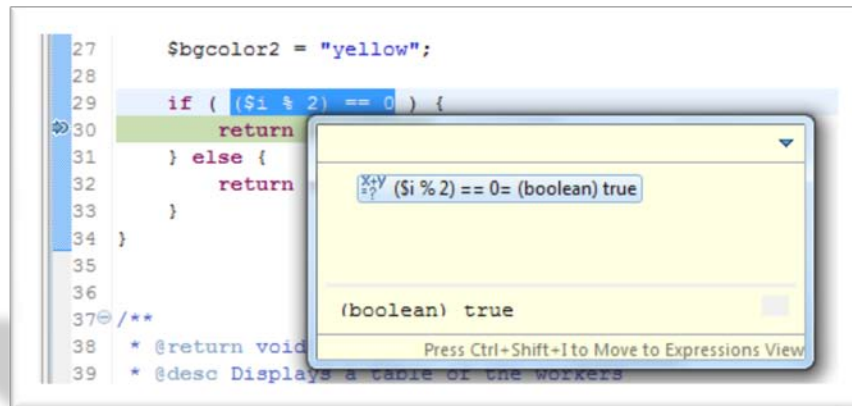
# Zend Studio 8.0

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- **Providing more value to JavaScript users**
  - PHP developers who use JavaScript
- **Enhancements**
  - General PHP Source Code Editing and Navigation Enhancements
  - Quality and performance
    - Performance improvements over the last release
    - Over 400 bugs fixed
    - Native Installers - smoother installation process
- **Quality and Stability**

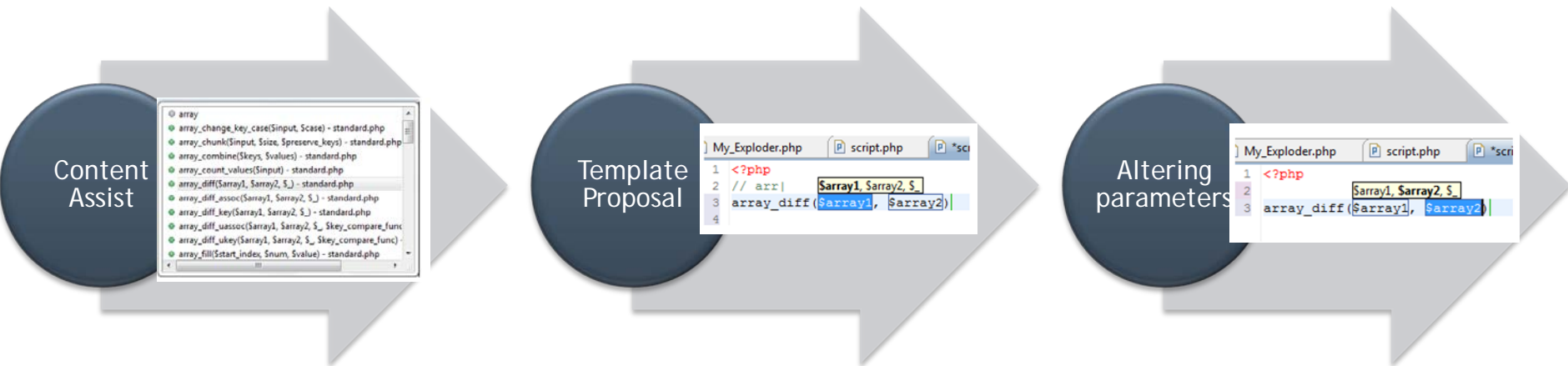
# Tip #1 - New “Inspect” Action

- When a breakpoint is hit, the Debug view opens. Step through the code, inspect and display variables and expressions
- Short-cut: ctrl+shift+i



# Tip #2 - New Content Assist Template

- When a content assist proposal is selected, an automatic parameters completion is provided.
- Use Tab to skip between parameters



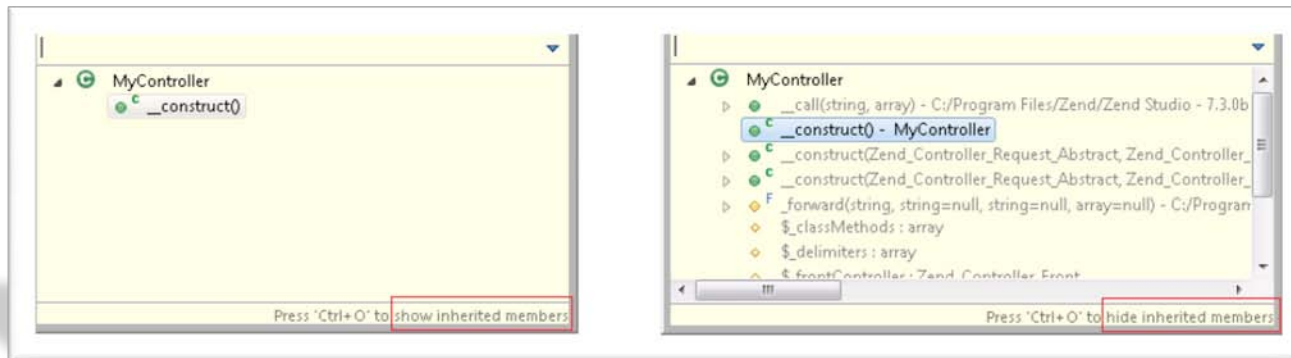
# Tip #3 - New Color Scheme

- The default color scheme is changed to provide a clean more standard editor colors.
- More rules are now available
  - ▶ Internal functions
  - ▶ Deprecated elements
  - ▶ Static variables
  - ▶ And many more...
- Windows > Preferences > PHP > Editor > Syntax Coloring

```
.3         array ("Francois", "12 Bd. de Grenelle, Paris
.4         array ("Klaus", "312 Beethoven St., Frankfurt
.5         array ("Shirly", "72 Independence St., Tel Av
.6         array ("Bill", "127 Maine St., San Francisco,
.7         );
.8
.9 @/**
:0  * @return
:1  * @param int $i
:2  * @desc Returns 'white' for even numbers and 'yellow
:3  */
:4 function row_color($i)
:5 {
:6     $bgcolor1 = "white";
:7     $bgcolor2 = "yellow";
:8
```

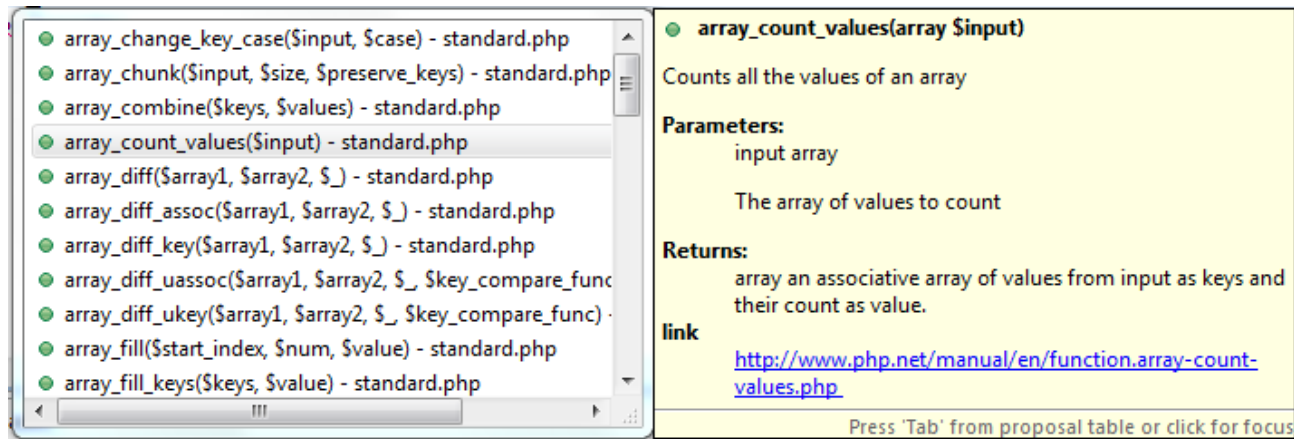
# Tip #4 - Show Inherited Members

- When the quick outline is displayed, click on ctrl+o once again to list all inherited members of the class.
- Short-cut: ctrl+o



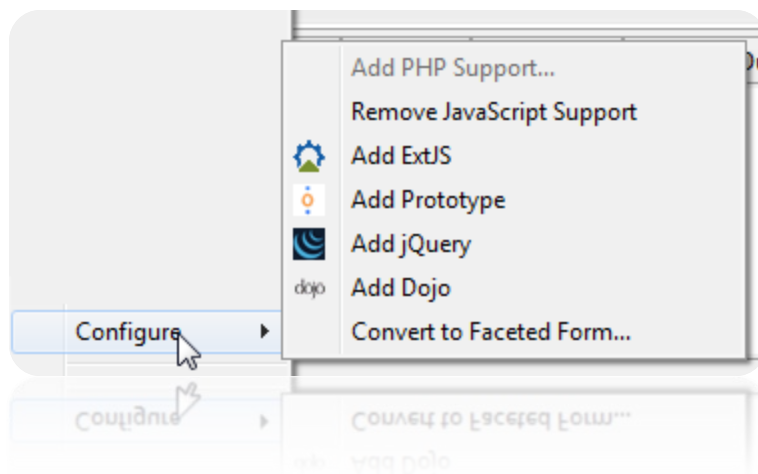
# Tip #5 - Rich Informational Text

- Rich (HTML-based) informational text about elements shown in the editor. Available in:
  - ▶ Content assist
  - ▶ Hover



# Tip #6 - Support jQuery and others

- Out of the box awareness for the following JS libraries:
  - ▶ ExtJs
  - ▶ Prototype
  - ▶ jQuery
  - ▶ Dojo

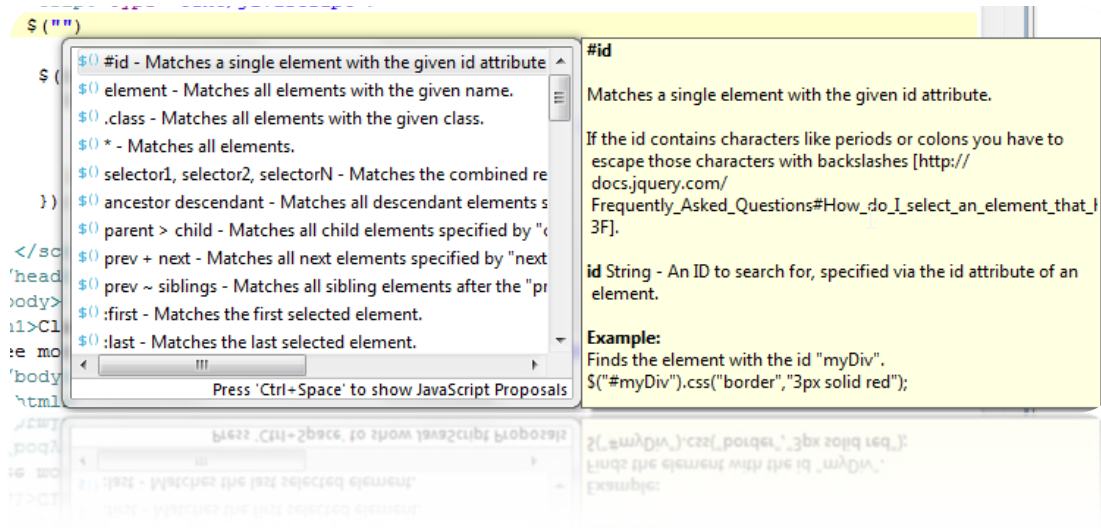


```
<script type="text/javascript">
  $("#myid").h
  $(document)
  $("a").cl
  alert("
  event.p
  });
});
});
```

hasOwnProperty(String name) Boolean - Object  
hasClass(class) Boolean - jQuery  
height() - jQuery  
hide() jQuery - jQuery  
hover(over, out) jQuery - jQuery  
html() String - jQuery

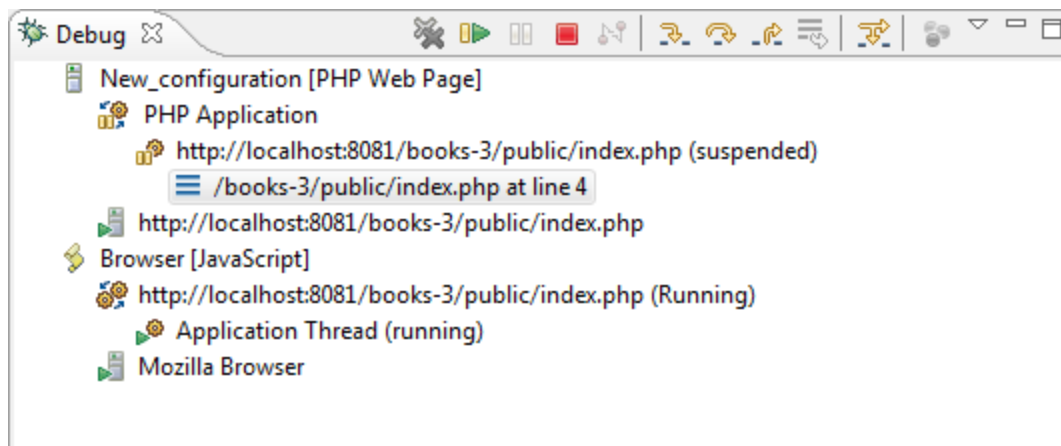
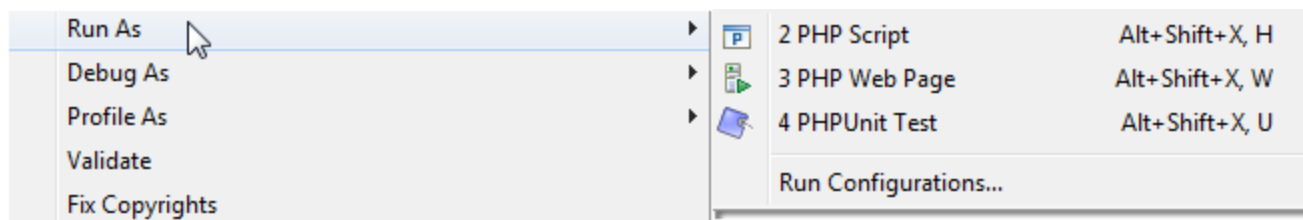
# Tip #7 - Support Elements Selectors

- Hint jQuery element selectors



# Tip #8 - Debug both PHP and JavaScript

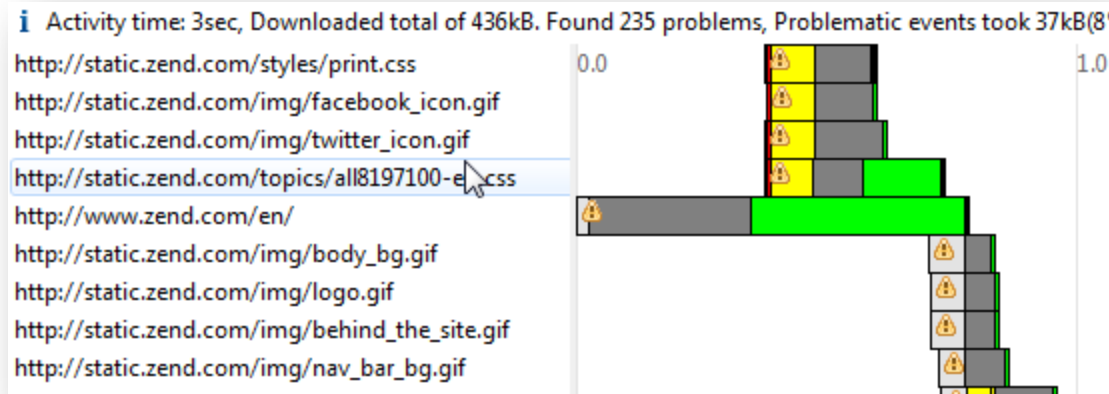
- Easy running and debugging Web PHP/JS-based applications





# Tip #10 - Analyze Application Performance

- Accurately analyze network usage and performance



# Zend Studio Debugger Support for JavaScript

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## Unified Debugging of PHP and JavaScript-based applications

- ▶ One combined session
- ▶ Debugged application runs in an Embedded browser
- ▶ Request Monitor allows analyzing web page execution performance
- ▶ Web Page Analysis using various views
  - CSS view
  - DOM source
  - DOM event view
  - JSDoc view
- ▶ You can now easily and quickly debug all tiers of your Rich Web Application in one session, and understand how your web pages execute

# General PHP Source Code Editing and Navigation Enhancements

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A set of features based on the new Eclipse Helios version, make Zend Studio the most powerful PHP IDE:

- ▶ New “Inspect” action in debug time
- ▶ New templated 'Content Assist'
- ▶ New advanced editor syntax coloring scheme
- ▶ New show inherited members in quick outline view
- ▶ New decorated hover information box
- ▶ New drag and drop in PHP/JavaScript editors
- ▶ New powerful PHP search dialog

# Performance and Quality

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- **Performance**
  - ▶ Faster invocation
  - ▶ Immediate Code Hints
- **Quality**
  - ▶ Zend Studio 129 bugs fixed)
  - ▶ Eclipse PHP Development Tools 448 bugs fixed
  - ▶ Eclipse Ajax Tools Framework 113 bugs fixed
- **Improved Installation**
  - ▶ Native Installers

# Zend Studio 8.0 Beta Resources

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- Web Page
  - ▶ <http://www.zend.com/en/products/studio/studio-8-beta>
- Download Page
  - ▶ <http://www.zend.com/en/products/studio/download-8-beta>
- Forum
  - ▶ <http://forums.zend.com/viewforum.php?f=79>
- Data Sheet
  - ▶ <http://static.zend.com/topics/Zend-Studio-DS-0710-R1-EN-WEB.pdf>
- Webinar
  - ▶ Scheduled for August 18