

a practical look at

# **NZ Web Standards & SharePoint**

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## ABOUT ME

# Zac Smith



*trinkit!*

# What is Accessibility?



**Providing equal access to web content for all users.**

## A FEW COMMON EXAMPLES..

- **HTML Validation**
- **ALT Tags on Images**
- **Colour Contrast**
- **Semantic markup**
- **Readable Content**

**W3C**

*(World Wide Web Consortium)*

**WCAG**

*(Web Content Accessibility Guidelines)*

**1.0**

**2.0**

**1.0**

**2.0**

**NZ Govt Web Standards**

DEMO 1

# How Does SharePoint Measure Up?

# PRACTICAL SOLUTIONS

**Control Adaptor**



**Custom Control**

```
_data.TableName = "row";  
DataSet ds = new DataSet("row");  
ds.Tables.Add(_data);  
XmlDocument xml = new XmlDocument();  
xml.LoadXml(ds.GetXml());  
Xsl.XmlObject = _xml = xml;  
if (Cache.Enabled)  
    Cache.Value = _xml;
```

**Brute Force**



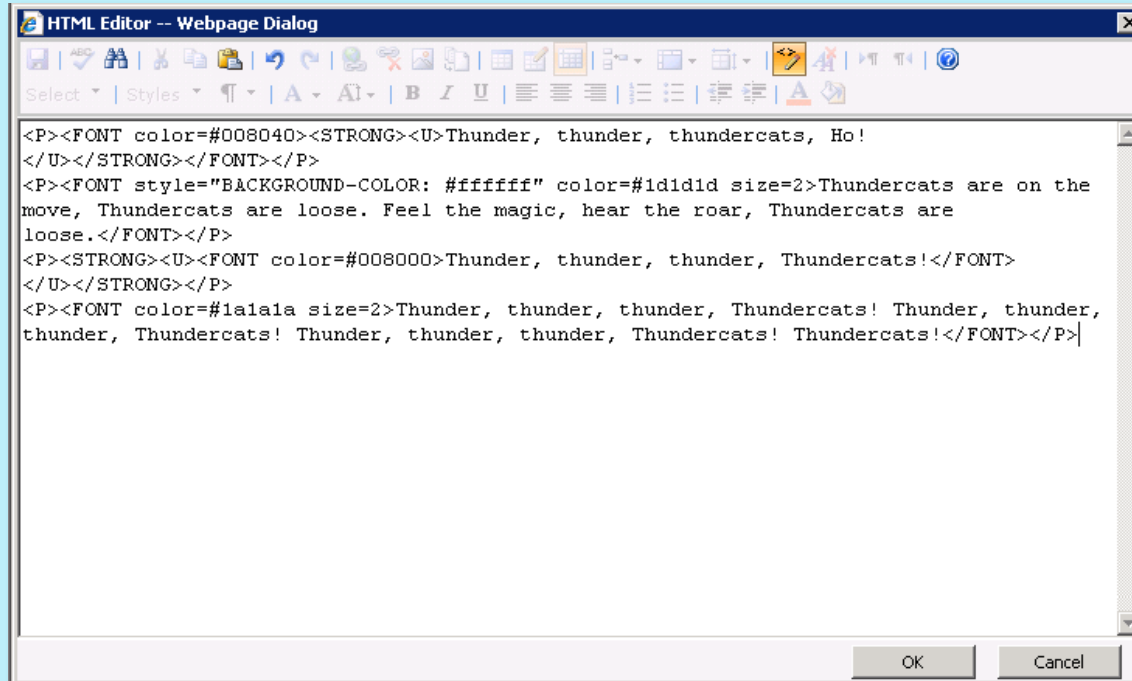
DEMO 2

# Practical Solutions Applied

## CHOOSING A RICH TEXT EDITOR

- **Default (OOTB)**
- **Third Party Solution**
- **Custom / Open Source**

# Default (OOTB)

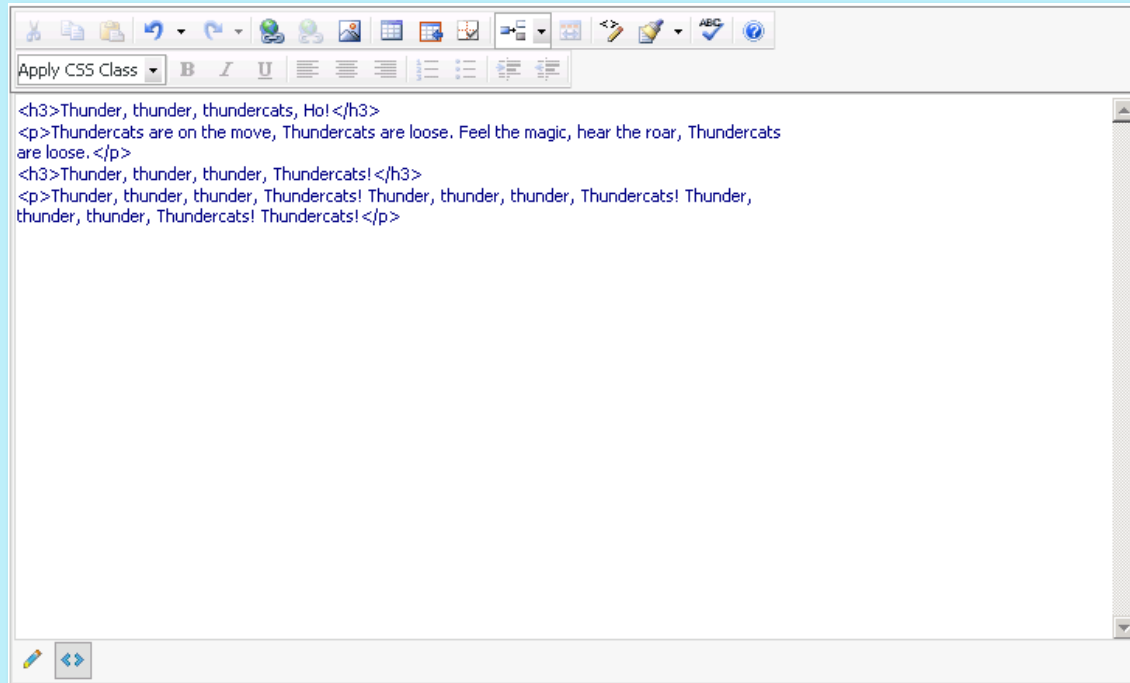


The screenshot shows a window titled "HTML Editor -- Webpage Dialog". The window contains a toolbar with various icons for editing and a text area with the following HTML code:

```
<P><FONT color=#008040><STRONG><U>Thunder, thunder, thundercats, Ho!  
</U></STRONG></FONT></P>  
<P><FONT style="BACKGROUND-COLOR: #ffffff" color=#1d1d1d size=2>Thundercats are on the  
move, Thundercats are loose. Feel the magic, hear the roar, Thundercats are  
loose.</FONT></P>  
<P><STRONG><U><FONT color=#008000>Thunder, thunder, thunder, Thundercats!</FONT>  
</U></STRONG></P>  
<P><FONT color=#1a1a1a size=2>Thunder, thunder, thunder, Thundercats! Thunder, thunder,  
thunder, Thundercats! Thunder, thunder, thunder, Thundercats! Thundercats!</FONT></P>
```

At the bottom of the window, there are "OK" and "Cancel" buttons.

# Third Party Solution

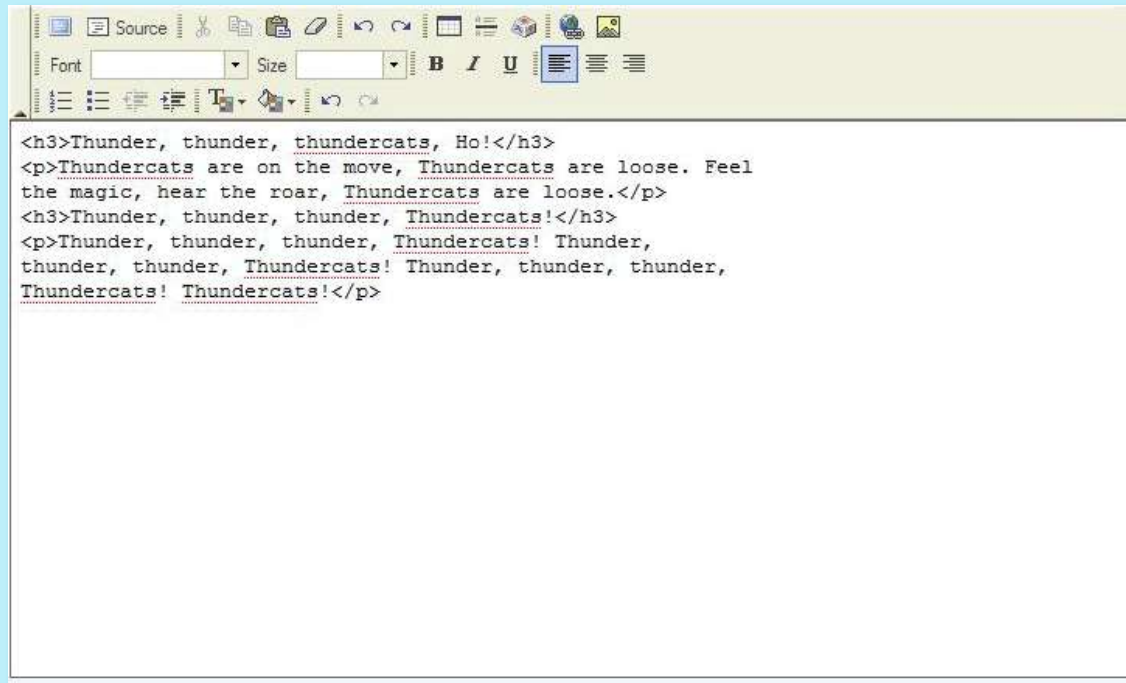


The image shows a screenshot of a web editor interface. The editor's toolbar includes icons for undo, redo, save, and various text formatting options like bold, italic, underline, and text color. The main text area contains the following HTML code:

```
<h3>Thunder, thunder, thundercats, Ho! </h3>  
<p>Thundercats are on the move, Thundercats are loose. Feel the magic, hear the roar, Thundercats are loose. </p>  
<h3>Thunder, thunder, thunder, Thundercats! </h3>  
<p>Thunder, thunder, thunder, Thundercats! Thunder, thunder, thunder, Thundercats! Thunder, thunder, thunder, Thundercats! Thundercats! </p>
```

At the bottom left of the editor, there are icons for a pencil (edit) and a double-headed arrow (toggle).

# Custom / Open Source



The image shows a screenshot of a web editor interface. The top toolbar includes icons for Source, Undo, Redo, Bold, Italic, Underline, and List. Below the toolbar, the text area contains the following HTML code:

```
<h3>Thunder, thunder, thundercats, Ho!</h3>  
<p>Thundercats are on the move, Thundercats are loose. Feel  
the magic, hear the roar, Thundercats are loose.</p>  
<h3>Thunder, thunder, thunder, Thundercats!</h3>  
<p>Thunder, thunder, thunder, Thundercats! Thunder,  
thunder, thunder, Thundercats! Thunder, thunder, thunder,  
Thundercats! Thundercats!</p>
```

# REDUCING THE PAYLOAD

Only serve resources that are needed.

```
<PublishingWebControls:AuthoringContainer runat="server" id="AuthoringContainer1">  
  <SharePoint:ScriptLink ID="ScriptLink1" name="init.js" runat="server"/>  
  <Sharepoint:CssLink ID="CssLink1" runat="server"/>  
</PublishingWebControls:AuthoringContainer>
```

```
<SharePoint:SPSecurityTrimmedControl ID="SPSecurityTrimmedControl1"  
PermissionsString="AddAndCustomizePages" runat="server">  
  <PublishingSiteAction:SiteActionMenu runat="server"/>  
</SharePoint:SPSecurityTrimmedControl>  
<PublishingWebControls:AuthoringContainer runat="server" id="AuthoringContainer2">  
  <SharePoint:Welcome id="explitLogout" runat="server" />  
</PublishingWebControls:AuthoringContainer>
```

# SEARCH ENGINE OPTOMIZATION (SEO)

- **SEO = Accessibility**
- **Meta Tag Myths**
- **Keyword Targeting**
- **Friendly URL's**



# CRYSTAL BALL GAZING

## SharePoint Server 2010 ...

- Will target XHTML browsers
- IE6 no longer supported (yay!)
- 64 Bit Requirement
- No major architectural changes



# RESOURCES

[www.trinkit.co.nz/blog](http://www.trinkit.co.nz/blog)

[www.w3.org](http://www.w3.org)

[www.w3.org/tr/wcag20](http://www.w3.org/tr/wcag20)

[www.webstandards.govt.nz](http://www.webstandards.govt.nz)

[ask.hisoftware.com](http://ask.hisoftware.com)

[www.spworks.co.uk/arf](http://www.spworks.co.uk/arf)