

# ***Introduction to DordStream Html (Dshtml)***

What is Html Tag?

Html tags are like keywords that defines how web browser will format and display the content. With the help of the tags a web browser can distinguish between a html content and a simple content. For more details about Html, visit <https://www.w3school.com>.

The Html-like tag was named Dshtml Tag.

What is Dshtml Tag?

Dshtml tag is a set of custom tag which extend the function of html through the CMS.

Dshtml is also html-like that is used to perform some tasks within the CMS and web browser will display and format the same as html content.

Similarities between html tag and dshtml tag are

1. All html tags and dshtml tags must be enclosed within angle bracket (< >) while dshtml tags.
2. Every tag in html and dshtml perform different tasks.
3. Html tags are, <p>, <h1>, <strong>, <li>, <a> ...etc. for more details visit <https://www.w3school.com>. While dshtml tags are, <audiolist>, <videolist>, <blogbody>, <featureposts>, <recentposts>, <posttypes>, <multiplecomments>, <multiplelabels>, <multiplepages>, <pagination>, <logout>, <singlepage>, <singlepost>, <sitename>, <widget>, <layout>, <top>, <left>, <right>, <bottom>.
4. Html Tag can be use with html attributes and events while dshtml can be use with dshtml attribute only.
5. Html attributes are id, class, title, src, name, alt, ...etc. for more details visit <https://www.w3school.com>. While Dshtml attributes are ds-artist, ds-album, ds-count, ds-widget, ds-index, ds-name, ds-description, ds-title-length, ds-content-length, ds-label-exclude, ds-text, ds-type, ds-title, ds-src, ds-link, ds-releasedate, ds-date, ds-size, ds-firstletter, ds-time, ds-username, ds-link-type, ds-content, ds-image, ds-video, ds-sociallink, ds-author, ds-commentcount, ds-error,

ds-email, ds-subject, ds-message, ds-password, ds-pageindex, ds-phonenummer, ds-firstname, ds-lastname.

### ***DordStream Html Attributes (dshtml attributes)***

Dshtml attributes are special words used inside the opening tag to control the element behaviors. Dshtml attributes are modifier of a Dshtml element type. An attribute either modifies the default functionality to certain element types unable to function correctly without them. In Dshtml syntax, an attribute is added to a Dshtml start tag.

Several basic attributes types have been recognized, including (1) required attributes, needed by a particular element type for that element type to function correctly. (2) optional attributes, used to modify the default functionality of an element type. (3) standard attributes, supported by many element types.

Dshtml attributes generally appear as name-value pairs, separated by = and are written within the start tag of an element, after the element name;

`<element attribute="value"> element</element>`

Where element name is the Dshtml element type, and attribute is the name of the attribute, set to the provided value. The value may be enclosed in double quotes.

## ***Required Attributes***

These are the attributes that is required when using dshtml element.

1. Name (ds-name): This attribute provides a unique identifier for an element i.e. unique name.
2. Description (ds-description): This attribute provides full description for an element.
3. Artist (ds-artist): This attribute provides the artist name for an element. It can only be used with audiolist and videolist dshtml element.
4. Album (ds-album): This attribute provides the album name for an element. It can only be used with audiolist and videolist dshtml element.
5. Type (ds-type): This attribute provides the label name for an element. It can only be used with posttypes element.

## ***Optional Attributes***

These are the attributes that is optional when using dshtml element.

1. Count (ds-count): This attribute provides the number of children for an element.
2. Widget (ds-widget): This attribute identifies an element as widget on the CMS. It takes widget as value.
3. Exclude (ds-label-exclude): This attribute provides the label name(s) to be excluded from the CMS to an element.
4. Index (ds-index): This attribute provides the position (index) for accessing an element.
5. Title Length (ds-title-length): This attribute provides the title length of the children element that make use of either title as parameter or ds-title as attribute. It can be used with dshtml element and div, ul html element.

6. Content Length (ds-content-length): This attribute provides the content length of the children element that make use of either content as parameter or ds-content as attribute. It can be used with dshtml element and div, ul html element.
7. Parent (ds-parent): This attribute provides the dshtml element name. It can only be when div or ul is the parent element and it cannot be use with dshtml element. Its values are label, page, comment, pagination, body, recent, feature and label name.
8. Text (ds-text): This attribute provides the text for auth element. e.g. welcome or greetings text.

### ***Standard Attributes***

These are the attributes used with sibling's element, when div or ul is use as the parent tag. It takes 1 as value. These attributes can also be used as parameter when using the attribute as value to id html attribute. It can be use as parameter when removing the prefix (ds-). These attributes have the same function as the parameter and different usage. The similarity between this attribute and the parameter is that , The attribute take 1 as value and it is only use as children attribute when div or ul is used as parent tag while The parameter is use as value to id attribute and it is use as children attribute when dshtml tag is used as parent element.

The attribute that is also used as the parameter change or replace the content or link of the assign element.

Example of standard attributes

```
<div ds-parent="label">
```

```
<img ds-image="1" alt="Image"/>
```

```
</div>
```

Example of the parameter

`<multiplelabels>`

`<img id="image" alt="Image" />`

`</multiplelabels>`

Example 1 make use of div tag as parent element (html tag) and the attribute ds-image as sibling or children element attribute which take 1 as value.

Example 2 make use of multiplelabels tag (dshtml tag) as parent tag and use id attribute with image as value.

The two examples have different syntax but produce the same result.

These are the attributes that is also used as parameter (removing the prefix ds-).

1. Name (ds-name): This is the label name. i.e. the label name creating when publishing post on the CMS.
2. Title (ds-title): This is the title of the post. i.e. the title of the post published on the CMS.
3. Content (ds-content): This is content or body of the post. i.e. the body post published on the CMS.
4. Image (ds-image): This is the first image contain in the body of the post. It can only be use with img element.
5. Video (ds-video): This is the first video contain in the body of the post. It can only be use with video element.
6. Audio (ds-audio): This is the first image contain in the body of the post. It can only be use with audio element.
7. Link (ds-link): This is the link to the post. i.e. the link to access the particular post. It can only be use with a element. In a scenario where multiple links are needed ds-link1, ds-link2, ds-link3, ds-link4 can be used.

8. Author (ds-author): This is the author that make publication. i.e. author that create the post on the CMS.
9. Date (ds-date): This is the publication date. i.e. the date the post was published or created.
10. Time (ds-time): This is the publication time. i.e. the time the post was published or created.
11. CommentCount (ds-commentcount): This is the total number of users commented on a post. i.e. the number of users that make a comment on the particular post.
12. Id (ds-id): This is the post unique Identifier. i.e. the postId.
13. FirstLetter (ds-firstletter): This is first letter of the post title.
14. SocialLink (ds-sociallink): This is used when social media is required, the link to the post will be append to the provided social link. In a scenario where multiple social links are needed ds-sociallink1, ds-sociallink2, ds-sociallink3, ds-sociallink4 can be used.
15. #Name or ##Name: this cannot be use as attribute or parameter. It can only be use as value when label name is needed for accessing through javascript. It can only be use as attribute value. e.g. `<a data-target="#name">Click me</a>` #name will change to the label name when access through browser.
16. Src (ds-src): This is link to the audio file which can be used with source html element.

## ***DordStream Html (dshtml)***

Dshtml is a set of custom tag which extend the function of html by communicating with the CMS software. It is also html-like that is used to perform some tasks within the CMS and displayed, formatted the same as html content on web browser. It has the same syntax as html

Dshtml element can only be written as a child tag to html. i.e. it must be written inside html element.

Dshtml attributes can be written with dshtml element and html element.

Dshtml parameters can only be written inside dshtml element.

NOTE, Dshtml tag depend on dshtml attribute or dshtml parameter to perform the task.

These are the dshtml tags

## 1. **DordBody(dordbody)**

DordBody is a dshtml tag which is used for rendering of body.

It is case sensitive(lower case).

It has no attributes and parameters.

It can be writing as <dordbody/>.

## 2. **Authorization Tag(auth)**

Authorization Tag is a dshtml tag which is used for Authentication and Authorization of users. It is used when the registration and login are required.

It is also case sensitive (lower case).

It can be written as <auth> children element </auth>

Attributes: Text(ds-text), Name(ds-name), Description(ds-description).

Parameters: Username, Login, Register

Code example

The snippet code display "welcome!" + username of the authenticated user, and register and login link if it was not authenticated on web browser.

```
<auth ds-text="Welcome!">
```

```
<p id="username" style="text-align:center; color: blue; text-decoration:underline; margin-left: 30px; margin-top: 15px;">Bellie_Coin</p>
```

```
<li><a href="#" data-hover="Registration" id="register">Registration</a></li>
```

```
<li><a href="#" data-hover="Login" id="login">Login</a></li>
```

```
</auth>
```

### **3. Blog Body Tag (*blogbody*)**

Blog Body Tag is a dshtml tag that retrieves or displays the categorized contents based on the label name from the post section of the CMS. It can only be written inside category page of the template.

It is also case sensitive (lower case).

It can be written using two methods (1) `<blogbody>` children element `</blogbody>` (2) either `<div>` or `<ul>` tag. (ds-parent must be set to body).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Title Length(ds-title-length), Content Length(ds-content-length), Count(ds-count)

Parameters: Title, Name, Content, Image, Video, Audio, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

#### **Code Example**

The snippet code below displays 30 posts based on the specified label name through the url with title length of 30 and content length of 40 on web browser. Using the two methods.

#### **First Method**



```
<blogbody ds-name="Post Body" ds-description="Display Post Body" ds-count="30" ds-title-length="30" ds-content-length="40" >
```

```
<div class="card">
```

```
<p class="title" id="title">Post Title </p>
```

```
<p class="name" id="name"> Label Name</p>
```

```

```

```
<i id="time"> Last seen</i>
```

```
<i id="commentcount">Total Comments</i>
```

```
<span id="author">Author Name </span>
```

```
<audio controls><source src="#" id="audio" type="mp3" ></audio>
```

```
<video controls><source src="#" id="video" type="mp3" ></video>
```

```
<a href="#" id="link">Post Link </a>
```

```
<a href="#" id="link1">Post Link1 </a>
```

```
<a href="#" id="link2">Post Link2 </a>
```

```
<a href="#" id="link3">Post Link3 </a>
```

```
<a href="#" id="link4">Post Link4 </a>
```

```
<a href="www.facebook.com?" id="sociallink">Post Social Link </a>
```

```
<a href="www.facebook.com?" id="sociallink1">Post Social Link1 </a>
```

```
<a href="www.facebook.com?" id="sociallink2">Post Social Link2 </a>
```

```
<a href="www.facebook.com?" id="sociallink3">Post Social Link3 </a>
```

```
<a href="www.facebook.com?" id="sociallink4">Post Social Link4 </a>
```

```
<p id="firstletter"> Post First Letter </p>
```

```
<i id="date">Post Date </i>
```

```
<i id="id"> Post Id</i>

<input type="hidden" id="id"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</blogbody>
```

## ***Second Method***

```
<div ds-parent="body" ds-name="Post Body" ds-description="Display Post Body" ds-count="30" ds-title-length="30" ds-
content-length="40">

  <div class="card">

    <p class="title" ds-title="1">Post Title </p>

    <p class="name" ds-name="1"> Label Name</p>

    

    <i ds-time="1"> Last seen</i>

    <i ds-commentcount="1">Total Comments</i>

    <span ds-author="1">Author Name </span>

    <audio controls><source src="#" ds-audio="1" type="mp3" ></audio>

    <video controls><source src="#" ds-video="1" type="mp3" ></video>

    <a href="#" ds-link="1">Post Link </a>

    <a href="#" ds-link1="1">Post Link1 </a>

    <a href="#" ds-link2="1">Post Link2 </a>

    <a href="#" ds-link3="1">Post Link3 </a>
```

```

<a href="#" ds-link4="1">Post Link4 </a>

<a href="www.facebook.com?" ds-sociallink="1">Post Social Link </a>

<a href="www.facebook.com?" ds-sociallink1="1">Post Social Link1 </a>

<a href="www.facebook.com?" ds-sociallink2="1">Post Social Link2 </a>

<a href="www.facebook.com?" ds-sociallink3="1">Post Social Link3 </a>

<a href="www.facebook.com?" ds-sociallink4="1">Post Social Link4 </a>

<p ds-firstletter="1"> Post First Letter </p>

<i ds-date="1">Post Date </i>

<i ds-id="1"> Post Id</i>

<input type="hidden" ds-id="1"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</div>

```

#### **4. RecentPosts Tag (*recentposts*)**

RecentPosts Tag is a dshtml tag that retrieves or displays posts that ordered by posted date from the post section of the CMS. i.e. recent posts

It is also case sensitive (lower case).

It can be written using two methods (1) <recentposts> children element </recentposts> (2) either <div> or <ul> tag. (ds-parent must be set to recent).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Title Length(ds-title-length), Content Length(ds-title-length), Count(ds-count), Exclude (ds-label-exclude).

Parameters: Title, Name, Content, Image, Video, Audio, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

### Code Example

The snippet code below displays 30 recent posts, excluding news and beauty label name, with title length of 30 and content length of 40 on web browser. Using the two methods.

#### **First Method**

```
<recentposts ds-name="Recent Post" ds-description="Display Recent Post" ds-count="30" ds-title-length="30" ds-content-length="40" ds-label-exclude="news,beauty" >
```

```
<div class="card">
```

```
<p class="title" id="title">Post Title </p>
```

```
<p class="name" id="name"> Label Name</p>
```

```

```

```
<i id="time"> Last seen</i>
```

```
<i id="commentcount">Total Comments</i>
```

```
<span id="author">Author Name </span>
```

```
<audio controls><source src="#" id="audio" type="mp3" ></audio>
```

```
<video controls><source src="#" id="video" type="mp3" ></video>
```

```
<a href="#" id="link">Post Link </a>
```

```

<a href="#" id="link1">Post Link1 </a>

<a href="#" id="link2">Post Link2 </a>

<a href="#" id="link3">Post Link3 </a>

<a href="#" id="link4">Post Link4 </a>

<a href="www.facebook.com?" id="sociallink">Post Social Link </a>

<a href="www.facebook.com?" id="sociallink1">Post Social Link1 </a>

<a href="www.facebook.com?" id="sociallink2">Post Social Link2 </a>

<a href="www.facebook.com?" id="sociallink3">Post Social Link3 </a>

<a href="www.facebook.com?" id="sociallink4">Post Social Link4 </a>

<p id="firstletter"> Post First Letter </p>

<i id="date">Post Date </i>

<i id="id"> Post Id</i>

<input type="hidden" id="id"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</recentposts>

```

## Second Method

```

<div ds-parent="recent" ds-name="Recent Post" ds-description="Display Recent Post" ds-count="30" ds-title-
length="30" ds-content-length="40" ds-label-exclude="news,beauty" >

  <div class="card">

    <p class="title" ds-title="1">Post Title </p>

```

<p class="name" ds-name="1"> Label Name</p>



<i ds-time="1"> Last seen</i>

<i ds-commentcount="1">Total Comments</i>

<span ds-author="1">Author Name </span>

<audio controls><source src="#" ds-audio="1" type="mp3" ></audio>

<video controls><source src="#" ds-video="1" type="mp3" ></video>

<a href="#" ds-link="1">Post Link </a>

<a href="#" ds-link1="1">Post Link1 </a>

<a href="#" ds-link2="1">Post Link2 </a>

<a href="#" ds-link3="1">Post Link3 </a>

<a href="#" ds-link4="1">Post Link4 </a>

<a href="www.facebook.com?" ds-sociallink="1">Post Social Link </a>

<a href="www.facebook.com?" ds-sociallink1="1">Post Social Link1 </a>

<a href="www.facebook.com?" ds-sociallink2="1">Post Social Link2 </a>

<a href="www.facebook.com?" ds-sociallink3="1">Post Social Link3 </a>

<a href="www.facebook.com?" ds-sociallink4="1">Post Social Link4 </a>

<p ds-firstletter="1"> Post First Letter </p>

<i ds-date="1">Post Date </i>

<i ds-id="1"> Post Id</i>

<input type="hidden" ds-id="1"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</div>

## 5. *FeaturePosts Tag (featureposts)*

FeaturePosts Tag is a dshtml tag that retrieves or displays posts that ordered by label name from the post section of the CMS. i.e. feature posts

It is also case sensitive (lower case).

It can be written using two methods (1) <featureposts> children element </featureposts> (2) either <div> or <ul> tag. (ds-parent must be set to feature).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Title Length(ds-title-length), Content Length(ds-title-length), Count(ds-count), Exclude (ds-label-exclude).

Parameters: Title, Name, Content, Image, Video, Audio, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

### Code Example

The snippet code below displays 30 feature posts, excluding news and beauty label name, with title length of 30 and content length of 40 on web browser. Using the two methods.

#### **First Method**

```
<featureposts ds-name="Feature Post" ds-description="Display Feature Post" ds-count="30" ds-title-length="30" ds-content-length="40" ds-label-exclude="news,beauty" >
```

```
<div class="card">
```

```
<p class="title" id="title">Post Title </p>
```

<p class="name" id="name"> Label Name</p>



<i id="time"> Last seen</i>

<i id="commentcount">Total Comments</i>

<span id="author">Author Name </span>

<audio controls><source src="#" id="audio" type="mp3" ></audio>

<video controls><source src="#" id="video" type="mp3" ></video>

<a href="#" id="link">Post Link </a>

<a href="#" id="link1">Post Link1 </a>

<a href="#" id="link2">Post Link2 </a>

<a href="#" id="link3">Post Link3 </a>

<a href="#" id="link4">Post Link4 </a>

<a href="www.facebook.com?" id="sociallink">Post Social Link </a>

<a href="www.facebook.com?" id="sociallink1">Post Social Link1 </a>

<a href="www.facebook.com?" id="sociallink2">Post Social Link2 </a>

<a href="www.facebook.com?" id="sociallink3">Post Social Link3 </a>

<a href="www.facebook.com?" id="sociallink4">Post Social Link4 </a>

<p id="firstletter"> Post First Letter </p>

<i id="date">Post Date </i>

<i id="id"> Post Id</i>

<input type="hidden" id="id"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>



</div>

</featureposts>

## Second Method

```
<div ds-parent="feature" ds-name="Feature Post" ds-description="Display Feature Post" ds-count="30" ds-title-length="30" ds-content-length="40" ds-label-exclude="news,beauty" >
```

```
<div class="card">
```

```
<p class="title" ds-title="1">Post Title </p>
```

```
<p class="name" ds-name="1"> Label Name</p>
```

```

```

```
<i ds-time="1"> Last seen</i>
```

```
<i ds-commentcount="1">Total Comments</i>
```

```
<span ds-author="1">Author Name </span>
```

```
<audio controls><source src="#" ds-audio="1" type="mp3" ></audio>
```

```
<video controls><source src="#" ds-video="1" type="mp3" ></video>
```

```
<a href="#" ds-link="1">Post Link </a>
```

```
<a href="#" ds-link1="1">Post Link1 </a>
```

```
<a href="#" ds-link2="1">Post Link2 </a>
```

```
<a href="#" ds-link3="1">Post Link3 </a>
```

```
<a href="#" ds-link4="1">Post Link4 </a>
```

```
<a href="www.facebook.com?" ds-sociallink="1">Post Social Link </a>
```

```
<a href="www.facebook.com?" ds-sociallink1="1">Post Social Link1 </a>
```

```

    <a href="www.facebook.com?" ds-sociallink2="1">Post Social Link2 </a>

    <a href="www.facebook.com?" ds-sociallink3="1">Post Social Link3 </a>

    <a href="www.facebook.com?" ds-sociallink4="1">Post Social Link4 </a>

    <p ds-firstletter="1"> Post First Letter </p>

    <i ds-date="1">Post Date </i>

    <i ds-id="1"> Post Id</i>

    <input type="hidden" ds-id="1"/>

    <a data-target="#name" href="#">Label Name </a>

    <a data-target="##name" href="#">Label Name </a>

</div>

</div>

```

## 6. *Post Types Tag (posttypes)*

PostTypes Tag is a dshtml tag that retrieves or displays the posts based on the specified label name from the post section of the CMS.

It is also case sensitive (lower case).

It can be written using two methods (1) <posttypes> children element </posttypes> (2) either <div> or <ul> tag. (ds-parent must be set to the label name).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Title Length(ds-title-length), Content Length(ds-content-length), Count(ds-count)

Parameters: Title, Name, Content, Image, Video, Audio, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

### Code Example

The snippet code below displays 30 posts based on the specified label name with title length of 30 and content length of 40 on web browser. Using the two methods.

#### **First Method**

```
<posttypes ds-type="news" ds-name="News Post" ds-description="Display News Posts" ds-count="30" ds-title-length="30" ds-content-length="40" >
```

```
<div class="card">
```

```
<p class="title" id="title">Post Title </p>
```

```
<p class="name" id="name"> Label Name</p>
```

```

```

```
<i id="time"> Last seen</i>
```

```
<i id="commentcount">Total Comments</i>
```

```
<span id="author">Author Name </span>
```

```
<audio controls><source src="#" id="audio" type="mp3" ></audio>
```

```
<video controls><source src="#" id="video" type="mp3" ></video>
```

```
<a href="#" id="link">Post Link </a>
```

```

<a href="#" id="link1">Post Link1 </a>

<a href="#" id="link2">Post Link2 </a>

<a href="#" id="link3">Post Link3 </a>

<a href="#" id="link4">Post Link4 </a>

<a href="www.facebook.com?" id="sociallink">Post Social Link </a>

<a href="www.facebook.com?" id="sociallink1">Post Social Link1 </a>

<a href="www.facebook.com?" id="sociallink2">Post Social Link2 </a>

<a href="www.facebook.com?" id="sociallink3">Post Social Link3 </a>

<a href="www.facebook.com?" id="sociallink4">Post Social Link4 </a>

<p id="firstletter"> Post First Letter </p>

<i id="date">Post Date </i>

<i id="id"> Post Id</i>

<input type="hidden" id="id"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</posttypes>

```

## Second Method

```

<div ds-parent="news" ds-name="News Post" ds-description="Display News Posts" ds-count="30" ds-title-length="30"
ds-content-length="40">

  <div class="card">

    <p class="title" ds-title="1">Post Title </p>

```

<p class="name" ds-name="1"> Label Name</p>



<i ds-time="1"> Last seen</i>

<i ds-commentcount="1">Total Comments</i>

<span ds-author="1">Author Name </span>

<audio controls><source src="#" ds-audio="1" type="mp3" ></audio>

<video controls><source src="#" ds-video="1" type="mp3" ></video>

<a href="#" ds-link="1">Post Link </a>

<a href="#" ds-link1="1">Post Link1 </a>

<a href="#" ds-link2="1">Post Link2 </a>

<a href="#" ds-link3="1">Post Link3 </a>

<a href="#" ds-link4="1">Post Link4 </a>

<a href="www.facebook.com?" ds-sociallink="1">Post Social Link </a>

<a href="www.facebook.com?" ds-sociallink1="1">Post Social Link1 </a>

<a href="www.facebook.com?" ds-sociallink2="1">Post Social Link2 </a>

<a href="www.facebook.com?" ds-sociallink3="1">Post Social Link3 </a>

<a href="www.facebook.com?" ds-sociallink4="1">Post Social Link4 </a>

<p ds-firstletter="1"> Post First Letter </p>

<i ds-date="1">Post Date </i>

<i ds-id="1"> Post Id</i>

<input type="hidden" ds-id="1"/>

<a data-target="#name" href="#">Label Name </a>

<a data-target="##name" href="#">Label Name </a>

</div>

</div>

## **7. Multiplelabels Tag (multiplelabels)**

Multiplelabels Tag is a dshtml tag that retrieves or displays posts that grouped by label name from the CMS. It is a tag used to retrieve or display distinct label name from the CMS. i.e. no duplicate label name will be displayed.

It is also case sensitive (lower case).

It can be written using two methods (1) <multiplelabels> children element </multiplelabels> (2) either <div> or <ul> tag. (ds-parent must be set to label).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Title Length(ds-title-length), Content Length(ds-content-length), Count(ds-count), Exclude (ds-label-exclude).

Parameters: Title, Name, Content, Image, Video, Audio, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

### **Code Example**

The snippet code below displays 30 posts with distinct label name, excluding news and beauty label name, with title length of 30 and content length of 40 on web browser. Using the two methods.

#### **First Method**

```
<multiplelabels ds-name="Multiple Labels" ds-description="Display Multiple Labels" ds-count="30" ds-title-length="30" ds-content-length="40" ds-label-exclude="news,beauty" >
```

```
<div class="card">
```

<p class="title" id="title">Post Title </p>

<p class="name" id="name"> Label Name</p>



<i id="time"> Last seen</i>

<i id="commentcount">Total Comments</i>

<span id="author">Author Name </span>

<audio controls><source src="#" id="audio" type="mp3" ></audio>

<video controls><source src="#" id="video" type="mp3" ></video>

<a href="#" id="link">Post Link </a>

<a href="#" id="link1">Post Link1 </a>

<a href="#" id="link2">Post Link2 </a>

<a href="#" id="link3">Post Link3 </a>

<a href="#" id="link4">Post Link4 </a>

<a href="www.facebook.com?" id="sociallink">Post Social Link </a>

<a href="www.facebook.com?" id="sociallink1">Post Social Link1 </a>

<a href="www.facebook.com?" id="sociallink2">Post Social Link2 </a>

<a href="www.facebook.com?" id="sociallink3">Post Social Link3 </a>

<a href="www.facebook.com?" id="sociallink4">Post Social Link4 </a>

<p id="firstletter"> Post First Letter </p>

<i id="date">Post Date </i>

<i id="id"> Post Id</i>

<input type="hidden" id="id"/>

<a data-target="#name" href="#">Label Name </a>

```
<a data-target="##name" href="#">Label Name </a>

</div>

</multiplelabels>
```

## Second Method

```
<div ds-parent="label" ds-name="Multiple Label" ds-description="Display Multiple labels" ds-count="30" ds-title-
length="30" ds-content-length="40" ds-label-exclude="news,beauty" >
```

```
<div class="card">

<p class="title" ds-title="1">Post Title </p>

<p class="name" ds-name="1"> Label Name</p>



<i ds-time="1"> Last seen</i>

<i ds-commentcount="1">Total Comments</i>

<span ds-author="1">Author Name </span>

<audio controls><source src="#" ds-audio="1" type="mp3" ></audio>

<video controls><source src="#" ds-video="1" type="mp3" ></video>

<a href="#" ds-link="1">Post Link </a>

<a href="#" ds-link1="1">Post Link1 </a>

<a href="#" ds-link2="1">Post Link2 </a>

<a href="#" ds-link3="1">Post Link3 </a>

<a href="#" ds-link4="1">Post Link4 </a>

<a href="www.facebook.com?" ds-sociallink="1">Post Social Link </a>

<a href="www.facebook.com?" ds-sociallink1="1">Post Social Link1 </a>
```



```

    <a href="www.facebook.com?" ds-sociallink2="1">Post Social Link2 </a>

    <a href="www.facebook.com?" ds-sociallink3="1">Post Social Link3 </a>

    <a href="www.facebook.com?" ds-sociallink4="1">Post Social Link4 </a>

    <p ds-firstletter="1"> Post First Letter </p>

    <i ds-date="1">Post Date </i>

    <i ds-id="1"> Post Id</i>

    <input type="hidden" ds-id="1"/>

    <a data-target="#name" href="#">Label Name </a>

    <a data-target="##name" href="#">Label Name </a>

</div>

</div>

```

## 8. **Multiple Comments Tag(multiplecomments)**

Multiple Comments Tag is a dshtml tag that retrieves the all comments from comment section of the CMS.

It is also case sensitive (lower case).

It can be written using two methods (1) <multiplecomments> children element </multiplecomments> (2) either <div> or <ul> tag. (ds-parent must be set to comment).

Attributes: Name(ds-name), Description(ds-description), Index(ds-index) Count(ds-count),

Parameters: Name, Content, Image, Date, FirstLetter, Id, Time

## Code example

The snippet code below displays all comments made by users on web browser. Using the two methods.

### **First Method**

```
<div class="response">

    <h4>Responses</h4>

    <multiplecomments>

        <div class="media response-info mb-3">

            <div class="media-left response-text-left">

                <a href="#">

                    

                </a>

                <h5><a href="#" id="name">Admin</a></h5>

            </div>

            <div class="media-body response-text-right">

                <p id="content">Lorem ipsum dolor sit amet, consectetur adipiscing elit, There are many variations
of passages of Lorem Ipsum available,

                sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>

                <ul>

                    <li id="date">October 25, 2016</li>

                </ul>

            </div>

        </div>

    </div>
```

```
</div>
```

```
<div class="clearfix"> </div>
```

```
</div>
```

```
</multiplecomments>
```

```
</div>
```

## ***Second Method***

```
<div class="response">
```

```
<h4>Responses</h4>
```

```
<div class="card-group" ds-parent="comment">
```

```
<div class="media response-info mb-3">
```

```
<div class="media-left response-text-left">
```

```
<a href="#">
```

```

```

```
</a>
```

```
<h5><a href="#" ds-name="1">Admin</a></h5>
```

```
</div>
```

```
<div class="media-body response-text-right">
```

```

        <p ds-content="1">Lorem ipsum dolor sit amet, consectetur adipiscing elit,There are many
variations of passages of Lorem Ipsum available,

        sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>

    <ul>

        <li ds-date="1">October 25, 2016</li>

    </ul>

</div>

<div class="clearfix"> </div>

</div>

</div>

</div>

```

## 9. Multiple Pages Tag(multiplepages)

Multiple Pages Tag is a dshtml tag that retrieves or displays all the pages from the page section of the CMS

It is also case sensitive (lower case).

It can be written using two methods (1) <multiplepages> children element </multiplepages> (2) either <div> or <ul> tag. (ds-parent must be set to page).

Attributes: Name(ds-name), Description(ds-description), Widget, Index(ds-index), Count(ds-count)

Parameters: Name, Image, Audio, Video, Content Link, Link1, Link2, Link3, Link4, Date, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

## Code example

The snippet code below displays all pages from the CMS, on web browser. Using the two methods.

### ***First Method***

```
<div class="container">

  <multiplepages ds-name="Multiple Pages" ds-description="Display Multiple Pages">

    <li class="treeview">

      <a href="#" id="link">

        <span id="name"></span>

      </a>

    </li>

  </multiplepages>

</div>
```

### ***Second Method***

```
<div class="container" ds-parent="page" ds-name="Multiple Pages" ds-description="Display Multiple pages">

  <li class="treeview">

    <a href="#" ds-link="1">

      <span ds-name="1"></span>

    </a>

  </li>

</div>
```

## **10. Pagination Tag(pagination)**

Pagination Tag is a dshtml tag that retrieve or display the total number of posts divided by the total number of displayed posts from the post section of the CMS. i.e. page index.

It is also case sensitive (lower case).

It can be written using two methods (1) <pagination> children element </pagination> (2) either <div> or <ul> tag. (ds-parent must be set to pagination).

Attributes: Name(ds-name), Description(ds-description)

Parameters: PageIndex, Link

Code example

The snippet code below displays all the number pages from the post section of the CMS, on web browser.

Using the two methods.

### **First Method**

```
<ul class="pagination mt-5">

    <pagination>

        <li class="page-item">

            <a class="page-link" id="link"><span id="pageindex"></span></a>

        </li>

    </pagination>

</ul>
```

## ***Second Method***

```
<ul class="pagination mt-5" ds-parent="pagination">

    <li class="page-item">

        <a class="page-link" ds-link="1"><span ds-pageindex="1"></span></a>

    </li>

</ul>
```

## **11. Logout Tag (logout)**

Logout Tag is a dshtml tag use for unauthorizing user from the current context.

It is also case sensitive (lower case).

It can be written using two methods (1) <logout> children element </logout> (2) using ds-link-type attribute to a tag and logout as value.

It has no attribute.

Parameter: Link.

Code example

The snippet code below unauthorize user from the current context. Using the two methods.

### ***First Method***

```
<logout>

<a href="#" id="link"><h1>Logout</h1></a>
```

`</logout>`

### ***Second Method***

`<a href="#" ds-link-type="logout"><h1>Logout</h1></a>`

## ***12. Single Post Tag (singlepost)***

Single Post Tag is a dshtml tag that retrieves or displays single post from the post section of the CMS.

It can only be used in post.html file.

It is also used when reading post content through the url on a web browser.

It is also case sensitive (lower case).

It can be written using two methods (1) `<singlepost>` children element `</singlepost>` (2) either `<div>` or `<ul>` tag. (ds-single-parent must be set to post).

Attributes: Name(ds-name), Description(ds-description)

Parameters: Title, Name, Image, Content, Link, Link1, Link2, Link3, Link4, Author, Date, CommentCount, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

Code example



The snippet code below displays a post content for reading on web browser. Using the two methods.

### ***First Method***

```
<singlepost ds-name="View Post Tag" ds-description="Shows the view post" >
```

```
    <div class="single-left1">
```

```
        
```

```
        <h6 class="blog-first text-dark my-4">
```

```
            <i class="far fa-user mr-2"></i>
```

```
            <i id="author"></i>
```

```
        </h6>
```

```
        <ul class="blog_list my-3">
```

```
            <li id="date"></li>
```

```
            <li>
```

```
                <a href="#">
```

```
                    <i class="far fa-comments mr-1"></i>
```

```
                    <i id="commentcount"></i></a>
```

```
            </li>
```

```
        </ul>
```

```
        <h5 class="card-title">
```

```
            <a href="#" class="text-dark" id="link">
```

```
                <span id="title"></span> </a>
```

```
        </h5>
```

```
<p id="content"></p>
```

```
</div>
```

```
</singlepost>
```

## ***Second Method***

```
<div ds-single-parent="post" ds-name="View Post Tag" ds-description="Shows the view post" >
```

```
<div class="single-left1">
```

```

```

```
<h6 class="blog-first text-dark my-4">
```

```
<i class="far fa-user mr-2"></i>
```

```
<i ds-author="1"></i>
```

```
</h6>
```

```
<ul class="blog_list my-3">
```

```
<li ds-date="1"></li>
```

```
</li>
```

```
<a href="#">
```

```
<i class="far fa-comments mr-1"></i>
```

```
<i ds-commentcount="1"></i></a>
```

```
</li>
```

```
</ul>
```

```
<h5 class="card-title">
```

```
<a href="#" class="text-dark" ds-link="1">  
  
    <span ds-title="1"></span> </a>  
  
</h5>  
  
<p ds-content="1"></p>  
  
</div>  
  
</div>
```

### **13. Single Page Tag (*singlepage*)**

Single Page Tag is a dshtml tag that retrieves or displays single page from the CMS

It is also case sensitive (lower case).

It can only be used in page.html file.

It can be written using two methods (1) <singlepage> children element </singlepage> (2) either <div> or <ul> tag. (ds-single-parent must be set to page).

Attributes: Name(ds-name), Description(ds-description).

Parameters: Name, Image, Content, Link, Link1, Link2, Link3, Link4, Date, FirstLetter, Id, SocialLink, SocialLink1, SocialLink2, SocialLink3, SocialLink4, Time, #Name, ##Name.

## Code example

The snippet code below displays a page content for reading on web browser. Using the two methods.

### ***First Method***

```
<singlepage ds-name="View Page Tag" ds-description="Shows the view page">
  <div class="container-fluid" style="min-height: 1500px">
    <h5 class="text-center" id="name"></h5>

    <span id="content" class="mt-3"></span>

  </div>
</singlepage>
```

### ***Second Method***

```
<div ds-single-parent="page" ds-name="View Page Tag" ds-description="Shows the view page">
  <div class="container-fluid" style="min-height: 1500px">
    <h5 class="text-center" ds-name="1"></h5>

    <span ds-content="1" class="mt-3"></span>

  </div>
</div>
```

## **14. Site Name Tag (sitename) and Username(username)**

Site Name Tag is a dshtml tag used when displaying Title from the Setting section of the CMS.

It is also case sensitive (lower case).

It can be written in two ways (1) <sitename> </sitename> (2) using l, span, h1..h6 and p with ds-username or ds-sitename as attribute

It has no attribute.

It has no parameter.

Code example

The snippet code below displays the site title and authorized username.

```
<div class="logo">

    <a href="/"><h1><sitename></sitename></h1></a>

    <span ds-sitename=" sitename"></span>

    <h1 ds-username=" username"></h1>

</div>
```

## **15. Widget Tag (widget)**

Widget Tag is a dshtml tag which instruct the CMS to interpret the children element as widget.

It is a tag used when indicating the children element as widget and show on adding widget section of the CMS.

It has no attribute and parameters

It is also case sensitive (lower case).

It can be written as <widget> Children Element</widget>.

## Code example

The snippet code below instructs the CMS to interpret posttypes tag as widget.

```
<widget>

<posttypes ds-type="trending" ds-name="Toggle Recent Posts" ds-description="Toggle Recent Posts" ds-label-
exclude="event,best" ds-count="50" widget="widget">

<div class="media">

  <a href="#">

    

  </a>

  <div class="media-body">

    <div class="news-title">

      <h2 class="title-small">

        <a href="#" id="link" class="text-black">

          <span id="title"></span></a>

        </h2>

      </div>

      <div class="news-author">

        <small class="text-time">

          <em id="time">10 mins ago</em>

        </small>

      </div>

    </div>

  </div>

</div>
```

`</div>`

`</div>`

`</div>`

`</posttypes>`

`</widget>`

## **16. Layout Tag (*layout*)**

Layout Tag is a dshtml tag used as design framework for a web page.

It is a tag that gives a web page layout.

It is written inside body element

It is used immediately after body html tag.

It encapsulates the structure of the web page.

It is also case sensitive (lower case).

It has no parameter.

Attribute: Class (html attribute), Id (html attribute), TagName (html tag), Style (html attribute).

It can be written as `< layout > Children Tag</ layout >`.

Code example

`<layout>`

`<top>`

`<!-- Top Content -->`

`</top>`

`<left>`

`<!-- Left Content -->`

`</left>`

`<right>`

`<!-- Right Content -->`

`</right>`

`<bottom>`

`<!-- Bottom Content -->`

`</bottom>`

`</layout>`

### ***17. Top Tag (top)***

Top Tag is a dshtml tag which is used for positioning the children elements to the top part of the layout.

It is written inside layout element.

It is also case sensitive (lower case).

It has no parameter.

Attribute: Class (html attribute), Id (html attribute), TagName (html tag), Style (html attribute).

It can be written as `< top> Children Element</top>`.

Code example

`<top>`



<!-- Content -->

</top>

### **18. Left Tag(left)**

Left Tag is a dshtml tag which is used for positioning the children elements to the left part of the layout.

It is written inside layout element.

It is also case sensitive (lower case).

It has no parameter.

Attribute: Class (html attribute), Id (html attribute), TagName (html tag), Style (html attribute).

It can be written as <left> Children Element</left>.

Code example

<left>

<!-- Content -->

</left>

### **19. Right Tag (right)**

Right Tag is a dshtml tag which is used for positioning the children elements to the right part of the layout.

It is written inside layout element.

It is also case sensitive (lower case).

It has no parameter.

Attribute: Class (html attribute), Id (html attribute), TagName (html tag), Style (html attribute).

It can be written as <right> Children Tag</right>.

Code example

```
<right>
```

```
<!-- Content -->
```

```
</right>
```

## ***20. Bottom Tag(bottom)***

Bottom Tag is a dshtml tag which is used for positioning the children elements to the bottom part of the layout.

It is written inside layout element.

It is also case sensitive (lower case).

It has no parameter.

Attribute: Class (html attribute), Id (html attribute), TagName (html tag), Style (html attribute).

It can be written as <bottom> Children Tag</bottom>.

Code example

```
<bottom>
```

```
<!-- Content -->
```

```
</bottom>
```

## **21. Form Tag (form)**

Form tag is a html tag which perform a lot of operations or actions in dshtml

It is the most powerful tag in dshtml which perform server actions (Method: Get or Post).

- I. Search i.e. searching for a content through its title, directly from the CMS.
- II. Comment i.e. Commenting on a post.
- III. Contact i.e. Sending message to the administration.
- IV. Login i.e. Form for Authorize user.
- V. Register i.e. Form for Registration of user.
- VI. Subscribe i.e. Registering email for Newsletter update.
- VII. Profile i.e. Updating User Profile.

It takes ds-action attribute to perform those operates.

Code example 1

The snippet code below creates a search form and search content by the title from the CMS and display on web browser.

```
<form ds-action="search" ds-name="Search" ds-description="Search Operation">
```

```
  <p ds-error="1"> </p>
```

```
  <input type="text" ds-title="1">
```

```
  <input type="submit" value="Search">
```

```
</form>
```

### Code example 2

The snippet code below creates a subscribe form and subscribe user by the email to the newsletter or update.

```
<form ds-action="subscribe" ds-name="Subscribe" ds-description="Subscribe Operation">  
  
  <p ds-error="1"> </p>  
  
  <input type="text" ds-email="1">  
  
  <input type="submit" value="Subscribe">  
  
</form>
```

### Code example 3

The snippet code below creates a comment form and allow user to make comment with the name and content (comment).

```
<form ds-action="comment" ds-name="Comment" ds-description="Comment Operation">  
  
  <input type="text" ds-name="1">  
  
  <input type="text" ds-content="1">  
  
  <input type="submit" value="Comment">  
  
</form>
```

### Code example 4

The snippet code below creates a contact form and to contact the administration with the email, subject and message.

```
<form ds-action="contact" ds-name="Contact" ds-description="Contact Operation">

  <p ds-error="1"> </p>

  <input type="text" ds-email="1">

  <input type="text" ds-subject="1">

  <input type="text" ds-message="1">

  <input type="submit" value="Contact Us">

</form>
```

#### Code example 5

The snippet code below creates a register form and allow user registration.

```
<form ds-action="register" ds-name="Register" ds-description="Register Page">

  <p id="error"> </p>

  <h5>User Name:</h5>

  <input type="text" ds-username="1">

  <h5>Email Address:</h5>

  <input type="email" ds-email="1">

  <h5>Phone Number:</h5>

  <input type="text" ds-phonenummer="1">

  <h5>First Name:</h5>
```

```
<input type="text" ds-firstname="1">

<h5>Last Name:</h5>

<input type="text" ds-lastname="1">

<h5>Password:</h5>

<input type="password" ds-password="1">

<h5>User Image:</h5>

<input type="file" ds-userimage="1">

<input type="submit" value="Register">

</form>
```

## Code example 6

The snippet code below creates a login form and allow user authorization.

```
<form ds-action="login" ds-name="Login" ds-description="Login Page">

<p id="error"> </p>

<h5>User Name:</h5>

<input type="text" ds-username="1">

<h5>Password:</h5>

<input type="password" ds-password="1">

<a href="#" ds-forget="1">Forget Password</a>

<input type="submit" value="Login">
```

```
</form>
```

## Code example 7

The snippet code below creates a profile form and allow user to update their profile.

```
<form ds-action="profile" ds-name="Update Profile" ds-description="Update Profile">
```

```
<p id="error"> </p>
```

```
<h5>User Name:</h5>
```

```
<input type="text" ds-username="1">
```

```
<h5>Email Address:</h5>
```

```
<input type="email" ds-email="1">
```

```
<h5>Phone Number:</h5>
```

```
<input type="text" ds-phonenummer="1">
```

```
<h5>First Name:</h5>
```

```
<input type="text" ds-firstname="1">
```

```
<h5>Last Name:</h5>
```

```
<input type="text" ds-lastname="1">
```

```
<h5>Password:</h5>
```

```
<input type="password" ds-password="1">
```

```
<h5>User Image:</h5>
```

```
<input type="file" ds-userimage="1">
```

```
<input type="submit" value="Register">
```

```
</form>
```

## **22. Anchor Tag (a)**

Anchor tag is a html tag which handle links and replace the href value to the specified ds-link-type.

Ds-link-type has the following value

- I. Logout I.e. It will change the href value to Logout link.
- II. Login I.e. It will change the href value to Login link.
- III. Register I.e. It will change the href value to Register link.
- IV. Forget I.e. It will change the href value to Forget Password link.

It takes ds-link-type attribute to handle the link.

### **Code example 1**

The snippet code below changes the href value to logout link

```
<a href="#" ds-link-type="logout"><h1>Logout</h1></a>
```

### **Code example 2**

The snippet code below changes the href value to login link

```
<a href="#" ds-link-type="login"><h1>Already own account</h1></a>
```

### **Code example 3**

The snippet code below changes the href value to register link



```
<a href="#" ds-link-type="register"><h1>Create Account</h1></a>
```

#### Code example 4

The snippet code below changes the href value to Forgot Password link

```
<a href="#" ds-link-type="forgot"><h1>Forgot password</h1></a>
```

### ***23. Profile Tag (profile)***

- i. Profile Tag is a dshtml tag which is used to retrieve user details.
- ii. It is case sensitive (lower case).
- iii. It has no attributes.
- iv. Parameters: UserName, Email, UserImage, Role, Phone Number, FirstName, LastName, Name, UserId

#### Code example

The snippet code below shows users details

```
<profile>
```

```
<p id="username"></p>
```

```

```

```
<p id="firstname"></p>
```

<p id="email"></p>

<p id="phonenummer"></p>

<p id="role"></p>

<p id="lastname"></p>

</profile>