

Whitepaper

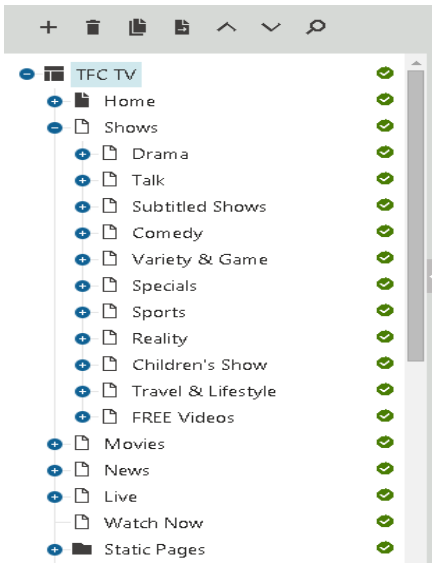
Hierarchical Transformation/ Hierarchical Viewer

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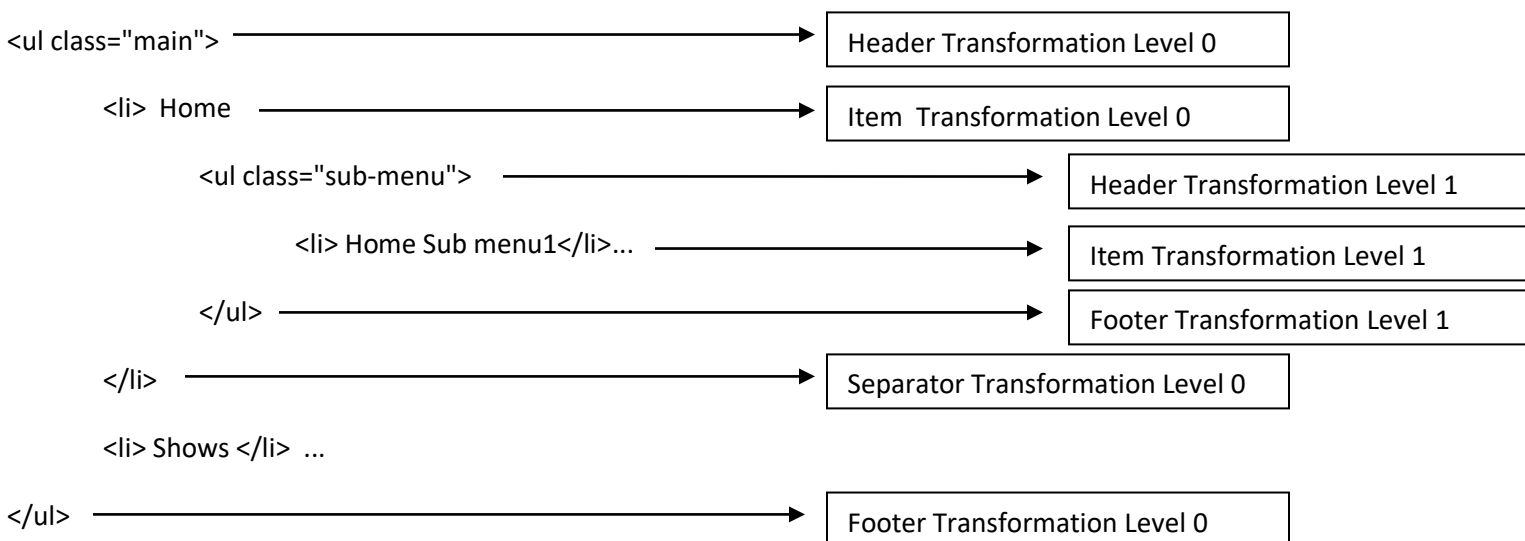
Hierarchical Transformation/Hierarchical Viewer.

How was Hierarchal transformation render on UI.

Suppose.



Hierarchical viewer is pointed to root then let us suppose we have to use UL and Li on UI.



So, here the default behavior of Hierarchical viewer/transformation are.

1. Whenever one item is read then it binds all the sublevel transformation of that particular item and render the UI accordingly.
2. Case 1 is applicable for each and every level.

Special Case in TFC.Tv Project.

Output page.

Product and Services	Account Settings	Privacy Settings	Payments	Social Networking	System Requirements	Technical Issues
---------------------------------	---------------------	---------------------	----------	----------------------	------------------------	---------------------

Product Inquiry
Subscription Inquiry
Online Premiere Inquiries
TFC Everywhere
Access Policy
Pinoy Big Brother 737 (Season 6)
Referral Promo

What is TFC.tv?

How do I register?

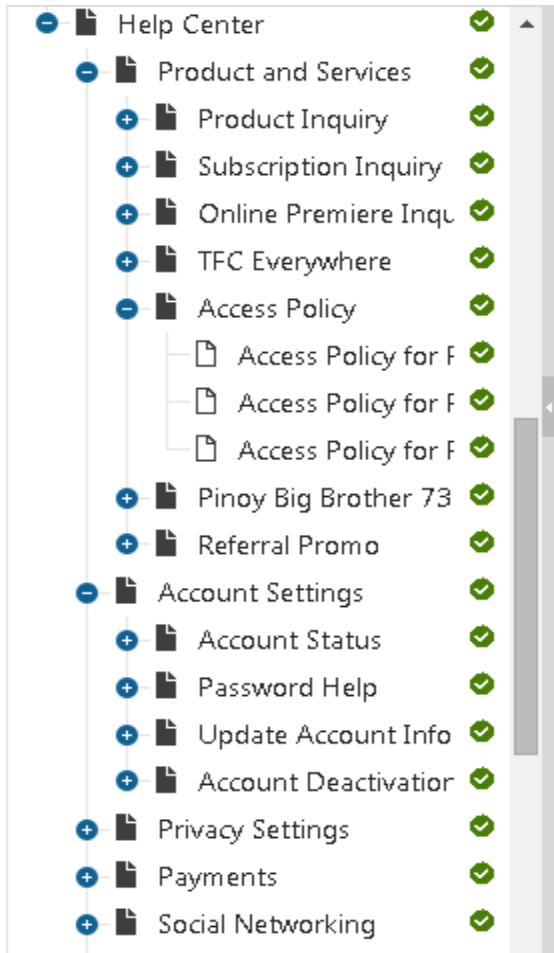
How do I sign-in?

How can I access the videos?

How can I contact customer support?

Is TFC.tv available on iOS or Android devices?

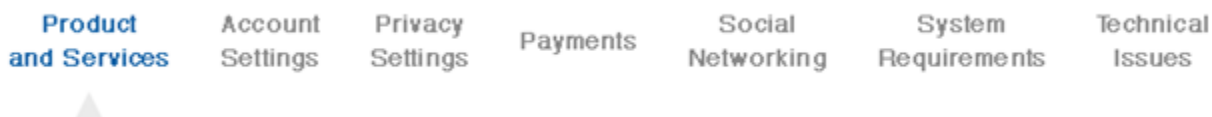
Content tree.



Html

```
<h1 class="page_title">Help Center </h1>
<div class="row help_sec">
  <div class="col-sm-9 col-xs-12">
    <ul class="nav nav-tabs outer hide480">
      <li class="active ">
        <a data-toggle="tab" href="#8822">
          Product
          <br>
          and Services
        </a>
      </li>
      <li class=" ">
      <li class=" ">
      <li class=" ">
      <li class=" ">
      <li class=" ">
    </ul>
    <div class="tab-content outer hide480">
      <div id="8822" class="row tab-pane fade active in" helpdev="Product and Services">
        <ul class="nav nav-tabs inner col-sm-4 col-xs-4">
          <li class="active">
            <a data-toggle="tab" href="#9818">Product Inquiry</a>
          </li>
          <li class="">
          <li class="">
          <li class="">
          <li class="">
          <li class="">
        </ul>
```

Implementation done as follows.



Hierarchical Transformation/Hierarchical Viewer

```


- Product  

      <br>
      and Services
- <li>
- <li>
- <li>
- <li>
- <li>
- <li>

```

We used normal repeater bind the top categories.

Product Inquiry

Subscription Inquiry

Online Premiere Inquiries

TFC Everywhere

Access Policy

Pinoy Big Brother 737 (Season 6)

Referral Promo

What is TFC.tv?

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Hierarchical Transformation/Hierarchical Viewer

```

<div class="tab-content outer hide480">
  <div id="8822" class="row tab-pane fade active in" helpdev="Product and Services">
    <ul class="nav nav-tabs inner col-sm-4 col-xs-4">
      <li class="active">
        <a data-toggle="tab" href="#9818">Product Inquiry</a>
      </li>
      <li class="">
      <li class="">
      <li class="">
      <li class="">
      <li class="">
      <li class="">
    </ul>
    <div class="tab-content inner col-sm-8 col-xs-8">
      <div id="9818" class="tab-pane fade active in" helpdev="Product Inquiry">
        <div id="helpi_accordion" class="panel-group help_acc">
        </div>
        <div id="9819" class="tab-pane fade" helpdev="Subscription Inquiry">
        <div id="9821" class="tab-pane fade " helpdev="Online Premiere Inquiries">
        <div id="9824" class="tab-pane fade " helpdev="TFC Everywhere">
        <div id="9825" class="tab-pane fade " helpdev="Access Policy">
        <div id="9826" class="tab-pane fade " helpdev="Pinoy Big Brother 737 (Season 6)">
        <div id="10048" class="tab-pane fade " helpdev="Referral Promo">
      </div>
    </div>
  <div id="8823" class="row tab-pane fade in" helpdev="Account Settings">

```

If we observe the html, all the item under each category is bonded in and the inner child of each item are bonded in separate <div> element. [Which doesn't support with default Hierarchical transformation]

[-] Product and Services	✓
[-] Product Inquiry	✓
What is TFC.tv?	✓
How do I register?	✓
How do I sign-in?	✓
How can I access the videos?	✓
How can I contact customer su	✓
Is TFC.tv available on iOS or An	✓
[+] Subscription Inquiry	✓
[+] Online Premiere Inquiries	✓
[+] TFC Everywhere	✓
[+] Access Policy	✓
[+] Pinoy Big Brother 737 (Season 6)	✓
[+] Referral Promo	✓
[-] Account Settings	✓

Hierarchical Transformation/Hierarchical Viewer

In order to bind that with hierarchical viewer itself we have done the following things.

1. We pointed the Hierarchical Viewer to "Help Center" item of content tree.
2. Transformation are as follows.

types > [TFCTv Help Center Transformation](#) > htHelpCenter (Transformation)

Add transformation

Transformation type:

(all transformations)

Actions	Type	Page types	Level	Transformation name
 	Header transformation	All	1	TFCTv.TFCTvHelpCenterTransformation.xHelpCenterLevel1Header
 	Separator transformation	All	0	TFCTv.TFCTvHelpCenterTransformation.xHelpCenterLevel0Sep
 	Footer transformation	All	0	TFCTv.TFCTvHelpCenterTransformation.xHelpCenterLevel0Sep
 	Item transformation	TFCTv.TFCTvPage	0	TFCTv.TFCTvHelpCenterTransformation.xHelpCenterLevel0Item
 	Item transformation	TFCTv.TFCTvPage	1	TFCTv.TFCTvHelpCenterTransformation.xHelpCenterLevel1Item

Save

Check out

Preview

You need to **check out** the Transformation 'xHelpCenterLevel0Item' for editing.

Transformation
name:

xHelpCenterLevel0Item

Transformation type:

Text / XML

[Available transformation methods](#)

```
<!--code started-->
<div class='row tab-pane fade {%DataItemIndex==0?"active":"","} in' id="{%NodeID%}" helpDev='{%NodeName%}'>

  <!--Code ends-->
```

Save

Check out

Preview

You need to **check out** the Transformation 'xHelpCenterLevel0Sep' for editing.

Transformation
name:

xHelpCenterLevel0Sep

Transformation type:

Text / XML

[Available transformation methods](#)

```
<!--code starts-->
</div>
<!--code ends-->
```

Hierarchical Transformation/Hierarchical Viewer

Save Generate default transformation Undo checkout Preview

You cannot edit the Transformation 'xHelpCenterLevel1Header'. It is exclusively checked out by another user: Narsing (Narsing).

Transformation name: xHelpCenterLevel1Header

Transformation type: Text / XML Available transformation methods

```
<!--code starts-->
<ul class="nav nav-tabs inner col-sm-4 col-xs-4">
  <!--code starts-->
```

Save Check out Preview

You need to check out the Transformation 'xHelpCenterLevel1Item' for editing.

Transformation name: xHelpCenterLevel1Item

Transformation type: Text / XML Available transformation methods

```
<!--code started-->
<li class="{%Documents[NodeAliasPath].Parent.Children.FirstItem.NodeGUID == NodeGUID?"active":""#%}"><a href="#{%NodeID%}" data
{% if(Documents[NodeAliasPath].Parent.Children.LastItem.NodeGUID == NodeGUID){ %}
</ul>

<div class="tab-content inner col-sm-8 col-xs-8">
  {% foreach (x in Documents[NodeAliasPath].Parent.Children.WithAllData.Where("ClassName='TFctv.TFctvPage' AND Published=1").Or
  <div class="tab-pane fade {%Documents[x.NodeAliasPath].Parent.Children.WithAllData.Where("ClassName='TFctv.TFctvPage' AND Pub
  <div class="panel-group help_acc" id="helpi_accordion">

    {%foreach (y in Documents[x.NodeAliasPath].Children.WithAllData.Where("ClassName='TFctv.TFctvFAQ' AND Published=1").Order
    <div class="panel panel-default">
      <div class="panel-heading">
        <h4 class="panel-title">
```

Transformation Text:-

1. xHelpCenterLevel0Item

```
<!--code started-->
```

```
<div class='row tab-pane fade {%DataItemIndex==0?"active":""#%} in' id="{%NodeID%}" helpDev='{%NodeName%}'>
```

2. xHelpCenterLevel0Sep

```
<!--code starts-->
```

```
</div>
```

```
<!--code ends-->
```

3. xHelpCenterLevel1Header

```
<!--code starts-->
```

```
<ul class="nav nav-tabs inner col-sm-4 col-xs-4">
```

```
<!--code starts-->
```

```
4. xHelpCenterLevel1Item
```

```
<!--code started-->
```

```
<li class='{%Documents[NodeAliasPath].Parent.Children.FirstItem.NodeGUID == NodeGUID?"active":""#%}'><a  
href="#{%NodeID%}" data-toggle="tab">{%NodeName%}</a></li>
```

```
{% if(Documents[NodeAliasPath].Parent.Children.LastItem.NodeGUID == NodeGUID){ %}
```

```
</ul>
```

```
<div class="tab-content inner col-sm-8 col-xs-8">
```

```
{% foreach (x in Documents[NodeAliasPath].Parent.Children.WithAllData.Where("ClassName='TFCTv.TFCtvPage' AND  
Published=1").OrderBy("NodeOrder")) { %}
```

```
<div class='tab-pane fade  
{%Documents[x.NodeAliasPath].Parent.Children.WithAllData.Where("ClassName='TFCTv.TFCtvPage' AND  
Published=1").OrderBy("NodeOrder").FirstItem.NodeGUID == x.NodeGUID?"active in":""#%}' id="{%x.NodeID%}"  
helpDev='{%x.NodeName%}'>
```

```
<div class="panel-group help_acc" id="helpi_accordion">
```

```
{%foreach (y in Documents[x.NodeAliasPath].Children.WithAllData.Where("ClassName='TFCTv.TFCtvFAQ' AND  
Published=1").OrderBy("NodeOrder")) { %}
```

```
<div class="panel panel-default">
```

```
<div class="panel-heading">
```

```
<h4 class="panel-title">
```

```
<a class="collapsed" data-toggle="collapse" data-parent="#helpi_accordion" href="#faq{%y.NodeID%}">
```

```
{%y.NodeName%}
```

```
</a>
```

```
</h4>
```

```
</div>
```

```
<div style="height: 0px;" id="faq{%y.NodeID%}" class="panel-collapse collapse" helpDev='{%y.NodeName%}'>
```

```
<div class="panel-body">

    {% y.GetValue("Answer")%}

</div>

</div>

</div>

{% } %}

</div>

</div>

{% } #%}

</div>

{% } #%}

<!--Code ends-->
```

About Ray Business Technologies

Ray Business Technologies is a leading Global Information Technology (IT) Services and Solutions, a CMMI Level 3, ISO 27001:2013 and ISO 9001:2015 Certified Company. We are a Member of NASSCOM, HYSEA, NJTC, and AIIA. Ray Business Technologies offers comprehensive end-to-end IT Services for Business Application Development, Enterprise Solutions, Enterprise Collaboration Services, Testing and Quality Assurance Services, Cloud Computing and IT Infrastructure Management to organizations in the Banking & Finance, Insurance, Healthcare, Manufacturing, Retail, Media & Entertainment, Leisure & Travel, Telecom and Energy & Utilities verticals as well as Independent Software Vendors.