Forum:Hack Forums

Thread: How to read text from xml nodes

hunters - *March 2, 2016, 9:49 am*

Hello HF,

This is a sample xml
Code

```
<Contents><Key>000018a19cfbbcb12286c4c051b09b27.jpeg</Key><LastModified>2016-02-10T23
:58:24.000Z</LastModified><ETag>"000018a19cfbbcb12286c4c051b09b27"</ETag><Size>227621
</Size><Owner><ID>07ba55931634353d81b28388db73b19c576cefcc3f5a19be3137e5cbf691f554
</ID><DisplayName>admin</DisplayName></Owner><StorageClass>STANDARD</StorageClass>
</Contents><Contents><Key>00002627b319131d0de89347c32ad3b6.jpeg</Key><LastModified>2
016-02-13T12:34:54.000Z</LastModified><ETag>"00002627b319131d0de89347c32ad3b6"</ETag
><Size>102336</Size><Owner><ID>07ba55931634353d81b28388db73b19c576cefcc3f5a19be313
7e5cbf691f554</ID><DisplayName>admin</DisplayName></Owner><StorageClass>STANDARD</
StorageClass></Contents><Contents><Key>00002aee6026afbd407096d212d88344.jpg</Key><La
stModified>2016-02-21T22:44:02.000Z</LastModified><ETag>"00002aee6026afbd407096d212d88
344"</ETag><Size>69219</Size><Owner><ID>07ba55931634353d81b28388db73b19c576cefcc3f
5a19be3137e5cbf691f554</ID><DisplayName>admin</DisplayName></Owner><StorageClass>ST
ANDARD</StorageClass></Contents><Contents><Key>00002e987b80919a095bf8da63d8399b.jpg
</Key><LastModified>2016-02-22T15:02:14.000Z</LastModified><ETag>"00002e987b80919a095b
f8da63d8399b"</ETag><Size>166892</Size><Owner><ID>07ba55931634353d81b28388db73b19
c576cefcc3f5a19be3137e5cbf691f554</ID><DisplayName>admin</DisplayName></Owner><Stora
geClass>STANDARD</StorageClass></Contents>
```


i want to read the text between all nodes named '<Key>' (without quotes).
can anyone have a suggestion. how to read ?? ? ?

Support™ - *March 2, 2016, 10:11 am*

PHP Code
```
<?php
Dim XML As XmlDocument = New XmlDocument()
XML.Load("Filepath.xml")
Dim KeysList As XmlNodeList = XML.GetElementsByTagName("Key")
For i=0 to KeysList.Count-1
Console.WriteLine(KeysList.ItemOf(i).InnerXml)
Next
```

I think this will do.

hunters - *March 2, 2016, 10:17 am*

(Mar 2, 2016 11:11 AM)Support™ Wrote: *[CITE]* PHP Code
```
<?php
Dim XML As XmlDocument = New XmlDocument()
XML.Load("Filepath.xml")
Dim KeysList As XmlNodeList = XML.GetElementsByTagName("Key")
For i=0 to KeysList.Count-1
Console.WriteLine(KeysList.ItemOf(i).InnerXml)
Next
```

I think this will do.
thank you for your reply. i tried this but this code read only first node's text. not all nodes ('<Key>' node). ?

Strintent - *March 2, 2016, 10:27 am*
Not sure if this is what you're looking for but I found a few links.
http://stackoverflow.com/questions/17025545/read-all-nodes-and-elements-in-xml-vb-net

http://stackoverflow.com/questions/10725820/how-do-i-get-the-value-from-a-specific-node-in-an-xml-file

http://arstechnica.com/civis/viewtopic.php?f=20&t=135293

hunters - *March 2, 2016, 11:56 am*
all of these links are lil bit helpful but cannot solve my issue, Sir. :(

Ninja - *March 2, 2016, 12:55 pm*
(Mar 2, 2016 12:56 PM)hunters Wrote: [CITE] all of these links are lil bit helpful but cannot solve my issue, Sir. :(
How about you post your code so we can help fix it? How do you expect we can fix your code if you havent posted your code?

Josh? - *March 2, 2016, 2:31 pm*
Pretty sure it's

```
Code Dim XML As XmlDocument = New XmlDocument()
XML.Load("Filepath.xml")
Dim KeysList As XmlNodeList = XML.SelectNodes("Contents/Key")
For i=0 to KeysList.Count-1
Console.WriteLine(KeysList.ItemOf(i).InnerText)
Next
```

Or if the XML is in a string:

```
Code Dim XMLString As String = "XML HERE"
Dim XML As XmlDocument = New XmlDocument()
XML.LoadString(XMLString)
Dim KeysList As XmlNodeList = XML.SelectNodes("Contents/Key")
For i=0 to KeysList.Count-1
Console.WriteLine(KeysList.ItemOf(i).InnerText)
Next
```

Hawk HF - *March 2, 2016, 4:03 pm*
(Mar 2, 2016 12:56 PM)hunters Wrote: [CITE] all of these links are lil bit helpful but cannot solve my issue, Sir. :(
Honestly this isn't that difficult.
Apply yourself instead of relying on others to provide a solution.

Support™ - *March 2, 2016, 6:24 pm*
(Mar 2, 2016 11:17 AM)hunters Wrote: [CITE] thank you for your reply. i tried this but this code read

only first node's text. not all nodes ('<Key>' node). ?

It is because your XML is messed up.

You have multiple root elements with <Contents> tag and you will also need need to escape the double quotes(") in <ETag>.