

## TurningPoint Parser Guide

The TurningPoint Parser uses either an XML document or a Microsoft Word document to create an interactive PowerPoint presentation. The following examples will walk you through the process of creating a document in the proper format.

### Example 1: Creating an XML document

Figure 1-1 displays a basic shell of the supported XML elements and attributes for the TurningPoint Parser. The root node "slides" contains a collection of "slide" nodes that contain the information required to create valid TurningPoint slides. Before populating your document please review the technical reminder shown in Figure 1-2 concerning reserved characters in XML.

```

<slides count="" id="">
  <slide id="" type="" multiresponse="">
    <question alias="" filename="" imageposition="" />
    <topic id="" />
    <answers>
      <answer alias="" value="" filename="" />
    </answers>
  </slide>
</slides>
```

**Figure 1-1**

The following defines valid values and definitions for nodes and their attributes:

```
<slides count="1" id="86FF9DB9AA7743BFB3792C00D2006616">
```

Node or Attribute	Definition
slides	Contains all the information TurningPoint requires to create an interactive slide.
count	The total number of slide nodes in the slides collection.
id	An optional attribute that contains a unique identifier for the group of slides.

```
<slide id=" E15F45BCA7C64CFFA7C0165629C0AA1E" type="D" multiresponse="1">
```

Node or Attribute	Definition
slide	Contains question and answers information.
id	An optional attribute that contains a unique identifier for the slide.
type	Defines what type of slide to create. The following types are accepted: Q = standard question slide P = picture slide D = demographic question slide S = speed scoring slide (vPad only) F = fill-in-the-blank question slide (vPad only) E = essay question slide (vPad only) M = moment-to-moment slide (vPad only)
multiresponse	An optional attribute that contains the number of responses allowed per keypad for the slide. Accepted values are 1-10.

<question alias="Gender?" filename="" imageposition="">What is your gender?</question>

Node or Attribute	Definition
question	Contains the question information and text.
alias	An optional attribute that contains an alias for the question.
filename	An optional attribute that contains a filename for a picture that can be included with the question.
imageposition	An optional attribute that sets the question picture position. The following are acceptable values: L = Left R = Right F = Full

<topic id=""> </topic>

Node or Attribute	Definition
topic	Contains the question topic.
id	Contains the unique identifier for the question topic.

<answers>

Node or Attribute	Definition
answers	Contains all answer information for the slide.

<answer alias="" value="" filename="">Female</answer>

Node or Attribute	Definition
answer	Contains answer information and text.
alias	An optional attribute that contains an alias for the answer.
value	An optional attribute that contains a value for the answer. Valid answer values are "Correct", "Incorrect", or a point value from 1 – 99999.
filename	An optional attribute that contains a filename for a picture that can be used in place of the answer text on the slide. This attribute is used only if the slide type attribute is set to "P".

### Technical reminder...

Be sure to use the following predefined XML entities for any reserved characters.

Reserved characters	Predefined XML entities
<	&lt ;
>	&gt ;
&	&amp ;
'	&apos ;
"	&quot ;

Figure 1-2

## Example 2: Creating a Word document

You can format a Word outline so that it can be used with the TurningPoint Parser. Figure 2-1 displays a sample Word document containing information to create two TurningPoint slides.

```
<c>2
What is your gender?
<t>D
Female
Male

Please choose the primate.
<t>P
<f>animals.gif
Frog
<f>frog.gif
Giraffe
<f>giraffe.gif
Gorilla
<v>Correct
<f>gorilla.gif
Anteater
<f>anteater.gif
```

Figure 2-1

You will notice in Figure 2-1 two questions and their corresponding answers. In addition to the question and answer text the outline contains several TurningPoint tags. These tags inform the TurningPoint Parser of any additional information about the slides. For a detailed listing of the TurningPoint tags and their acceptable values and locations see Figure 2-2 below. The TurningPoint Parser looks at a Word outline as a collection of slides that it needs to break down before it can create and set certain properties of an interactive slide. The method used for breaking down an outline is modeled after the existing PowerPoint functionality of creating a PowerPoint presentation from a Word outline but goes a step further. The heading styles found on the “Formatting” toolbar in Word are used to mark up an outline. All question text must be set to “Heading 1”, all answer text must be set to “Heading 2”, and all TurningPoint tags must be set to “Heading 3”. All other formatting is ignored during the parsing process.

<(tag)>(value)

TurningPoint tags	Location	Values
<c>	At the start of an outline.	The number of slides contained in the outline.
<d>	At the start of an outline or following the question text.	Contains the Session ID or Topic ID. If the tag is placed at the start of an outline the value will be used for the Session ID and if the tag follows a question it will be used as the Topic ID.
<a>	Following the question or answer text.	Contains a shortened alias for a question or answer.
<t>	Following the question text.	Defines what type of slide to create. The following types are accepted: Q = standard question slide P = picture slide D = demographic question slide S = speed scoring slide (vPad only) F = fill-in-the-blank question slide (vPad only) E = essay question slide (vPad only) M = moment-to-moment slide (vPad only)
<f>	Following the question or answer text.	The name of a picture file found in a folder named “Images” that is in the same directory as the file being parsed. If the tag follows a question the picture will be added next to the question text on the slide. If the slide type is “P” any tag following the answer text will be displayed instead of the answer text on the slide.
<n>	Following the question text.	Contains the question picture position. The following are acceptable values: L = Left R = Right F = Full
<m>	Following the question text.	Contains the number of responses allowed per keypad for the slide. Accepted values are 1-10.
<p>	Following the question text.	Contains the question Topic.
<v>	Following the answer text.	Contains a value for the answer. Valid answer values are “Correct”, “Incorrect”, or a point value from 1 – 99999.

**Figure 2-2**

It is good to remember that all TurningPoint tags are optional. If they are omitted, the slide will default to a standard question slide.