MTS Software Demo: Preview

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Agenda

- How testing works in MTS
- Quick demos of the Testcase Editor and of Preview
- Decamp to the labs for hands-on exercises

Testing

- Nothing complex works exactly right the first time
- Errors can damage your study
- Starting the testing process early will build your confidence that things are going according to plan

MTS: Testing with Testcases

- Each testcase represents one person’s survey answers
- A simple table with one row per question

<table>
<thead>
<tr>
<th>Character</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender</td>
<td>Male</td>
</tr>
<tr>
<td>Age</td>
<td>25</td>
</tr>
<tr>
<td>Income</td>
<td>$50K</td>
</tr>
<tr>
<td>Education</td>
<td>B.S.</td>
</tr>
<tr>
<td>Disease</td>
<td>None</td>
</tr>
</tbody>
</table>

MTS: Testcase Editor

- Demo

Testcase Editor

- You can name the cases by function (“MaleSmoker”) or for people you know (“Jane”) or mix and match — whatever suits your needs
MTS: Preview

• Dictionary + Message document + Test case = Message result!

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>section header</td>
<td></td>
<td>section Text</td>
<td>section Text</td>
</tr>
<tr>
<td>Name: Text</td>
<td></td>
<td>Page 1 of 13</td>
<td>Page 1 of 13</td>
</tr>
<tr>
<td>text</td>
<td></td>
<td>text</td>
<td>text</td>
</tr>
</tbody>
</table>

If there's one thing I've learned, it's that you can teach an old dog new tricks even at old age like me. Besides, one can only tickle so many bad jokes about tired and bugs under the eyes. There was no denying that I had been feeling pretty wiped out, but who doesn't? But when I realized that I felt weaker than ever through the last 4 months I went to see — well, that helped figure the final shots to change things up.

Testing gotchas

• Logic syntax errors (easy)
  • Quotes or pares not closed
  • Single = instead of ==
  • Misspelled characteristic names (or misspateded)

• Logic sense errors (harder)
  • A row fires when it shouldn't, or vice versa — but there's no error message

Testing: more gotchas

• Length
  • Too long or too short — easier to see later in development when you can compare a list of test cases

• Readability

Testing: hands-on exercises

• Upstairs in the labs
• Bring your binder and USB drive
• An open work session follows in the afternoon