

Triple-S

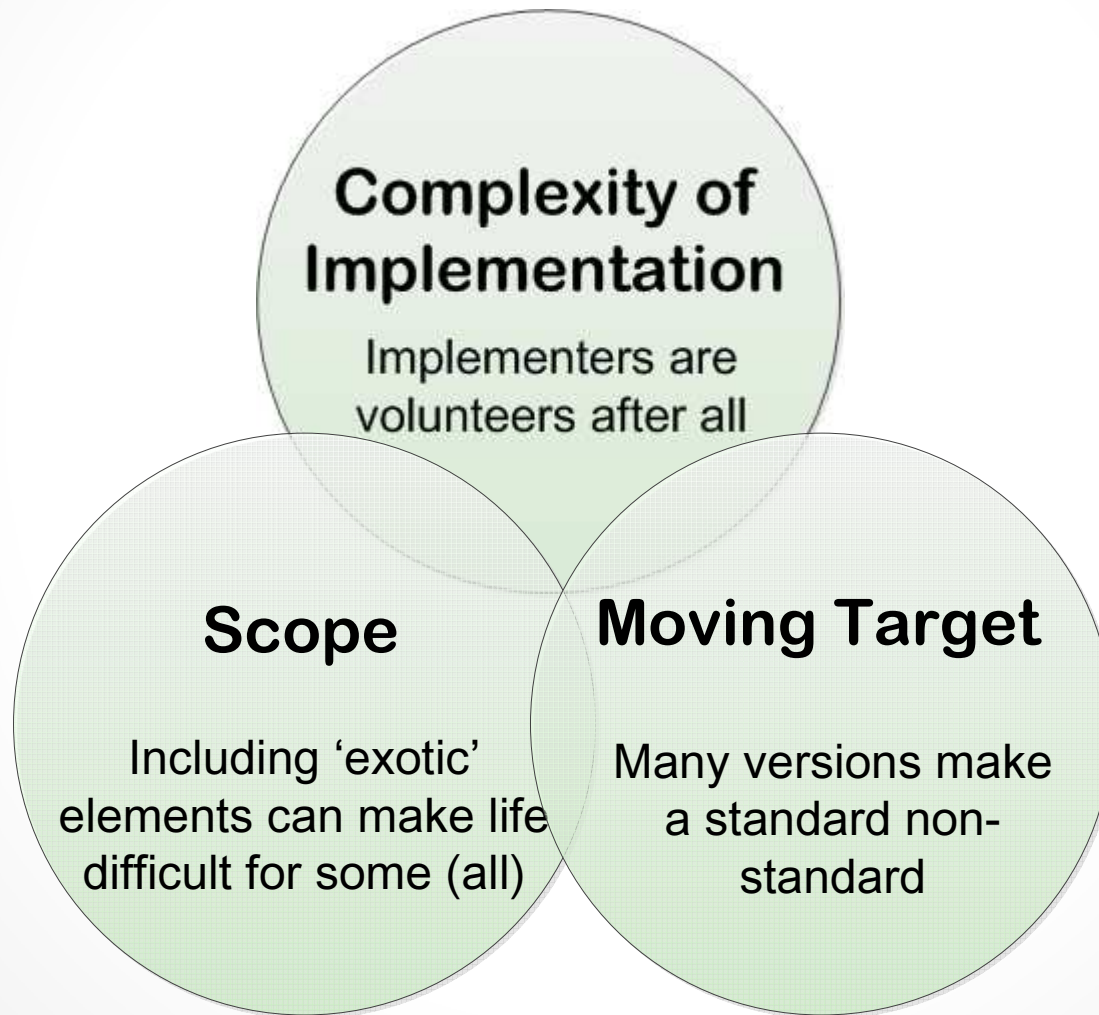
alternatives, possibilities, choices

Steve Jenkins

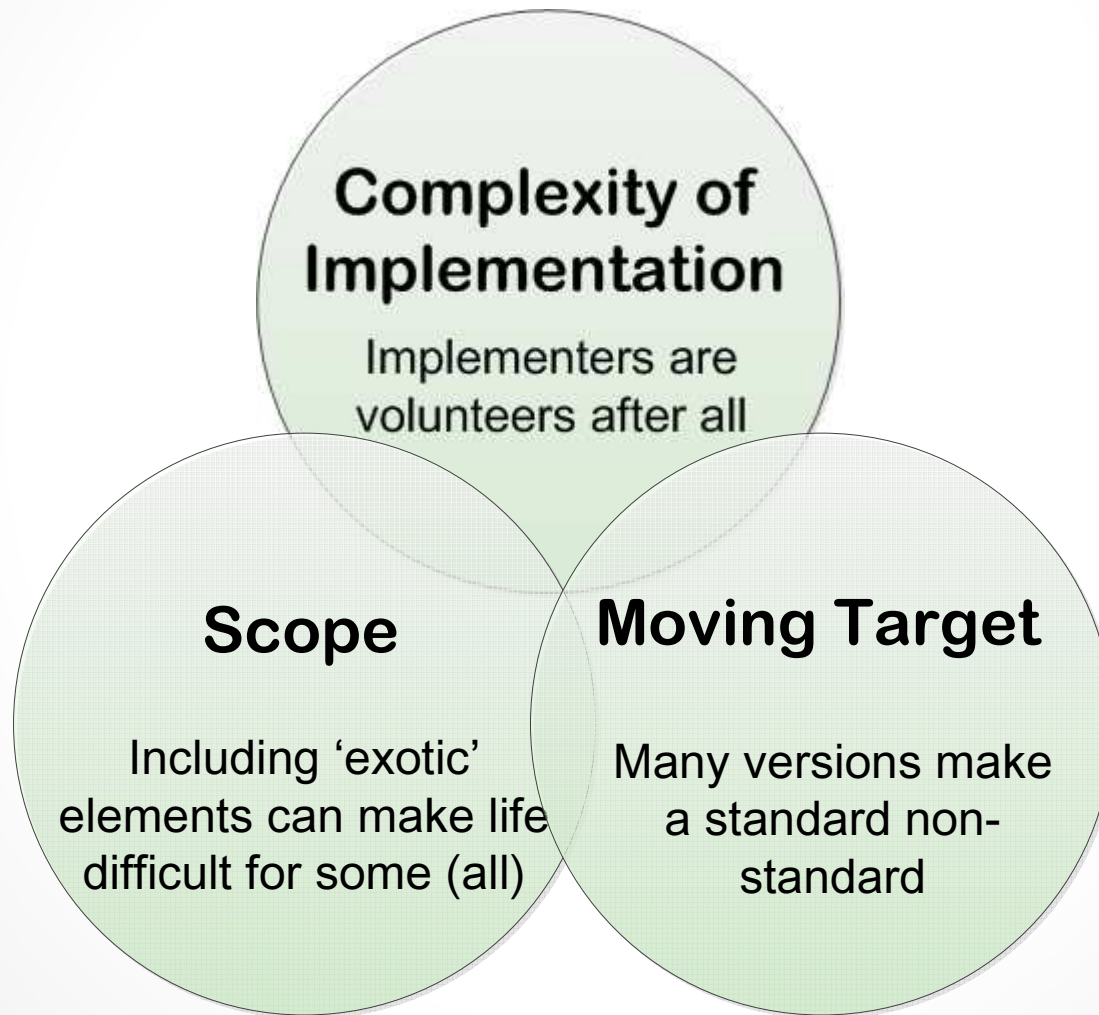
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Dimensions of change



Features or Delivery or Both?



Some Possible Features

XML response data

Presentational markup

Derived variables / Calculations

Text substitution / Response piping

Code frames

Topline counts



Possible Feature

XML response data

Response data file ...

```
<case><r i="1">520001</r><r i="2">20050504</r><r i="3">112000</r><r i="4">0</r>
```

...

```
<case><r i="1">520002</r><r i="2">20050506</r><r i="3">134300</r> ...
```

...

```
<case><r i="1">520003</r><r i="2">20050503</r> ...
```



Possible Feature

XML response data

Or inverted data embedded within metadata ...

```
<variable ident="4" type="single">
  <name>Q2</name>
  <label>Frequency of visit</label>
  <values>
    <value code="0">No, this is the first visit</value>
    <value code="1">I have visited before within the year</value>
    <value code="2">I visited before that</value>
  </values>
  <data>
    <r>1</r><r>2</r><r>0</r> ...           ...           ...<r>2</r>
  </data>
</variable>
```

Possible Feature

Presentational Markup

- ? HTML style elements
- ? External CSS style sheets
- ? Embedded CSS

Not always easy to discriminate “presentation” v “structure”
e.g. Grids



Possible Feature

Derived variables / Calculations

? MathML

? Select subset of MathML

? Invent “survey oriented” language



Possible Feature

Text substitution / Response piping

```
<variable ident="3" type="single">  
  <name>Q1</name>  
  <label>where did you visit ?</label>  
  <values>  
    <value code="1">House of horrors</value>  
    <value code="1">Health club</value>  
  </values>  
</variable>
```

```
<variable ident="4" type="single">  
  <name>Q2</name>  
  <label>Frequency of visit to <insert type="response">Q1</insert> ?</label>  
  <values>
```

...

Possible Feature

Code frames

```
<codeframe ident="1" type="single">
  <name>CF1</name>
  <label>Scale of agreement</label>
  <values>
    <value code="1">Agree</value>
    <value code="2">Neutral</value>
    <value code="3">Disagree</value>
  </values>
</codeframe>
<variable>
  ...
  <values> CF1 </values>
  ...
```

Possible Feature

Topline Counts

```
<variable ident="4" type="single">
  <name>Q2</name>
  <label>Frequency of visit</label>
  <position start="21" />
  <values>
    <value code="0" count="201">No, this is the first visit</value>
    <value code="1" count="98">I have visited before within the year</value>
    <value code="2" count="173">I visited before that</value>
  </values>
</variable>
```

Possible Features

XML response data

Presentational markup

Derived variables / Calculations

Text substitution / Response piping

Formal missing values

Code frames

Topline counts



Delivery

Design & Build an API-based implementation

Evangelise more



Delivery

Design & Build an API-based implementation

Could make implementation easier

Which language(s) / platforms(s)?

Who would write it?

Who would maintain it?

Who pays?



Delivery

Evangelise more

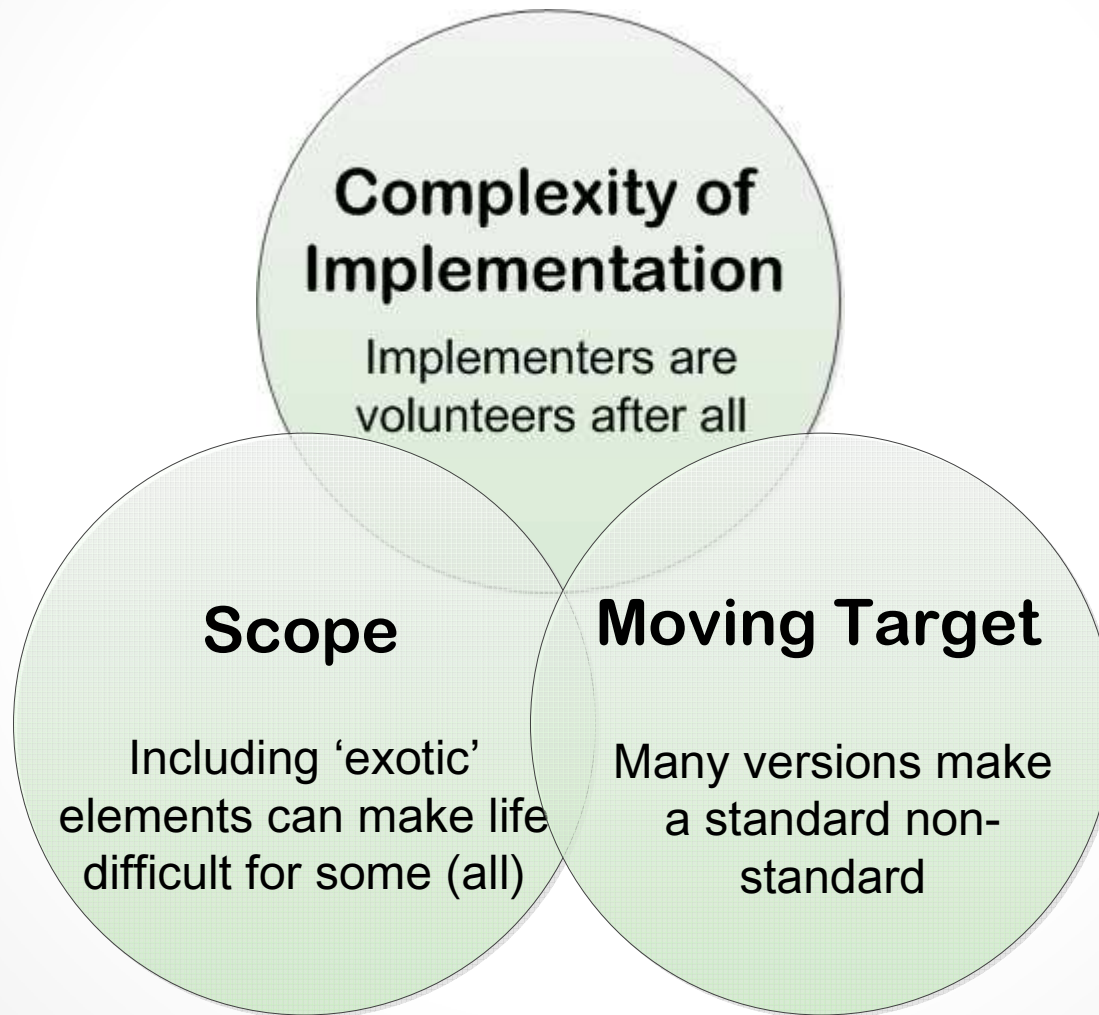
Get Triple-S adopted in the wider standards world

Government standard for interchange of survey data

Wider adoption / awareness could make funding easier



Features or Delivery or Both?



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