




# An Improvement of the Application of Blaise CAWI in Verifying Systems

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# Outline

- Background
  - Traditional Verification System
  - Current Verification System
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# Background

- Use Blaise CAWI model in verification system at 2010.1
- Integrate recording audio in verification questionnaire
  - The main contents of the inspection : alternative answers, subjective answers, jumping with shortcut, questioning incomplete, etc.
- Check the sample , more than 65,000 times

- 核查绩效
- 信息导入
- 样本核查
- 核查审核
- 筛选样本
- 分配样本
- 审核样本
- 核查反馈
- 督导反馈

电话筛选样本

按电话筛选 按录音筛选

调查项目 CFPS2014调查

家户序号

核查员姓名

查询

选取样本 移除选取样本 导出

家户序号	样本编号	核查员编号	核查员姓名	受访者姓名	样本状态	审核分配时间	问卷类型
110072	110072	120112	胡广达	马英杰	审核完成	2014-08-01 08:25:00	家庭成员问卷
110073	110073	130144	孙智敏	种文宽	审核完成	2014-08-06 16:30:49	家庭成员问卷
110082	110082	110134	陈学文	陈湖英	审核完成	2014-08-20 08:32:02	家庭成员问卷
110083	110083	410161	周松云	彭宾	审核完成	2014-09-10 14:27:36	家庭成员问卷
110118	110118	120112	胡广达	闫文祥	审核完成	2014-07-25 12:59:05	家庭成员问卷
110125	110125	120112	胡广达	刘秀华	审核完成	2014-07-24 08:15:31	家庭成员问卷
110132	110132	120112	胡广达	杨萍	审核完成	2014-08-04 09:38:29	家庭成员问卷
110142	110142	liuy	刘月	井玉梅	审核完成	2014-07-21 16:59:32	家庭成员问卷
110434	110434	120112	胡广达	吕观如	审核完成	2014-07-21 13:23:08	家庭成员问卷
112526	112526	220112	慧慧舒	庄健祺	审核完成	2014-08-11 16:04:44	家庭成员问卷

条目总数: 980

选中条目: 0

每页显示数: 20

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# Traditional Verification System

- Traditional recording verification need to manually search the recording file
- Open the verification questionnaire ,meanwhile open the recording program
- New version Verification achieve listen automation





# Current Verification System

- Integrate the recording function of desktop program into the CAWI verification questionnaire
  - Embed the recording audio file in every verification question
  - Apply the new HTML5 element on the page, the system automatically plays
- 

F:\recordfile\WAVFiles\141125015\140318\140318

文件(F) 编辑(E) 查看(V) 收藏(A) 工具(T) 帮助(H)

后退 搜索 文件夹

地址(Q) F:\recordfile\WAVFiles\141125015\140318\140318

名称	大小	类型	艺术家	唱片标题	发行年	曲	持续时间
140318Tape.Tape (01).wma	9 KB	Windows Media ...					0:00:04
140318SecZ.KZ212 (01).wma	11 KB	Windows Media ...					0:00:08
140318SecZ.KZ211 (01).wma	6 KB	Windows Media ...					0:00:01
140318SecZ.KZ210 (01).wma	7 KB	Windows Media ...					0:00:01
140318SecZ.KZ209 (01).wma	6 KB	Windows Media ...					0:00:00
140318SecZ.KZ208 (01).wma	6 KB	Windows Media ...					0:00:00
140318SecZ.KZ207 (01).wma	7 KB	Windows Media ...					0:00:01
140318SecZ.KZ206 (01).wma	8 KB	Windows Media ...					0:00:02
140318SecZ.KZ205 (01).wma	24 KB	Windows Media ...					0:00:31
140318SecZ.KZ204 (01).wma	7 KB	Windows Media ...					0:00:01
140318SecZ.KZ203 (01).wma	34 KB	Windows Media ...					0:00:48
140318SecZ.KZ202 (01).wma	6 KB	Windows Media ...					0:00:00
140318SecZ.KZ201 (01).wma	7 KB	Windows Media ...					0:00:01
140318SecZ.KZ103 (01).wma	7 KB	Windows Media ...					0:00:01
140318SecZ.KZ102 (01).wma	7 KB	Windows Media ...					0:00:02
140318SecZ.KZ101 (01).wma	7 KB	Windows Media ...					0:00:02
140318SecZ.KZ5 (01).wma	6 KB	Windows Media ...					0:00:00
140318SecZ.KZ1 (01).wma	8 KB	Windows Media ...					0:00:02
140318SecZ.IWEND (01).wma	6 KB	Windows Media ...					0:00:00
140318SecZ.FYZY (01).wma	7 KB	Windows Media ...					0:00:01
140318SecSCR.SCR1 (01).wma	11 KB	Windows Media ...					0:00:08
140318SecF.TF205 (01).wma	10 KB	Windows Media ...					0:00:07
140318SecF.TF204 (01).wma	11 KB	Windows Media ...					0:00:07
140318SecF.TF203 (01).wma	16 KB	Windows Media ...					0:00:17
140318SecF.TF202 (01).wma	10 KB	Windows Media ...					0:00:06
140318SecF.TF201 (01).wma	13 KB	Windows Media ...					0:00:10
140318SecF.F2 (01).wma	9 KB	Windows Media ...					0:00:04
140318SecD.TD1 (01).wma	13 KB	Windows Media ...					0:00:11
140318SecC.TC1 (01).wma	15 KB	Windows Media ...					0:00:14
140318Sec...	10 KB	Windows Media ...					0:00:02

Auto stop

D:\项目\CFPS2014\dev\CFPS2014Individual\CFPS2014Individual.bci



# The specific implementation steps of the solution are as follows

- Step 1 : Define a variable to store the path of the recording audio file

```
FamilyLY:='HTTP://10.8.8.73/WAVFiles/'+interviewerid+'/' +countryid +'/' +  
SampleID
```

- Step 2 : Define a variable to store the name of the recording audio file

```
XA101a:= SampleID+'SECA.TA1'
```





Step 3 : Embed the recording audio file path and name in the verification questions

A101a(A101a)“访员是否提问了请您确认 ....调查时您家是否有以下人员？ ...一题相关内容？ @/(题号：TA1 录音名：SECA.TA1)

```
@/@/@#<audio controls autoplay>  
<source src=""^FamilyLY/^XA101a.wma"" type=""audio/mpeg"">  
<embed height=""50"" width=""100"" autoplay=""false"" autostart=""false""  
  src=""^FamilyLY/^XA101a.wma"">  
</audio>@# ":TContinue
```


# Properties of element audio

Property	Value	Description
<b>autoplay</b>	autoplay	Audio plays automatically.
<b>controls</b>	controls	Display the playing controls.
<b>loop</b>	loop	Audio plays in loop.
<b>muted</b>	muted	Audio will be muted.
<b>preload</b>	preload	Audio will be preloaded when the page is loaded. And it will be ignored when autoplay property is set to autoplay.
<b>src</b>	url	Audio URL path.

# Exhibition

- After recording verification questionnaire released the inspectors will see :

D107a 访员是否问过“包括和家人外出吃饭，一般情况下，您每周有几个晚上会和家人一起吃饭？”一题相关内容？  
(题号：Q1002录音名：SECQ.QQ1002)



1. 是

5. 否


9. 无法判断

Don't know

Rather not answer



# Advantage

- It saves time, Increases efficiency
    - Saves the inspector's time to find the exact audio file, and saves the cost of verification
  - It improves accuracy, solves the not-match problem.
- 

Demo



**C106a** 访员是否问过“包括提前退休与内退，您是“否”办理了从机关、事业单位、企业的退休、退职手续，或者达到了法定领取养老金的年龄并办理了相关手续？”一题相关内容？（题号：I101 录音名：SECI.QI101）



1. 是
5. 否
9. 无法判断
- Don't know
- Rather not answer

**C106b** 受访者是否回答了“包括提前退休与内退，您是“否”办理了从机关、事业单位、企业的退休、退职手续，或者达到了法定领取养老金的年龄并办理了相关手续？”一题相关内容？

1. 是
5. 否
9. 无法判断
- Don't know
- Rather not answer

**C106c** “包括提前退休与内退，您是否办理了从机关、事业单位、企业的退休、退职手续，或者达到了法定领取养老金的年龄并办理了相关手续？”一题，访员是否完整读出题干？

1. 是
5. 否
- Don't know
- Rather not answer

**C106h** “包括提前退休与内退，您是“否”办理了从机关、事业单位、企业的退休、退职手续，或者达到了法定领取养老金的年龄并办理了相关手续？”一题，受访者给出的答案是？

1. 是
5. 否
- Don't know
- Rather not answer

**C107a** 访员是否问过“您是否上网？”一题相关内容？（题号：1U2 录音名：SECU.KU2）



1. 是
5. 否
9. 无法判断
- Don't know
- Rather not answer

Thanks

