



E-Prime Experiment Design

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1. Install e-prime



E-Prime



pyl



Support

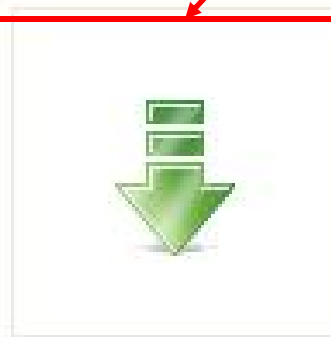
安装程序



dotNetFx40_Full_x...



e-prime2.0.reg



setup.exe



2. E-prime resources

1. <https://pstnet.com>

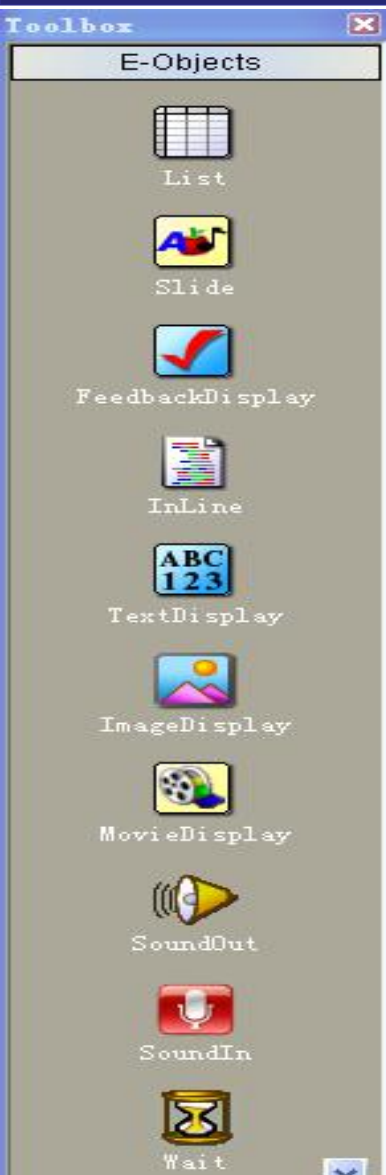
2. Online course resource



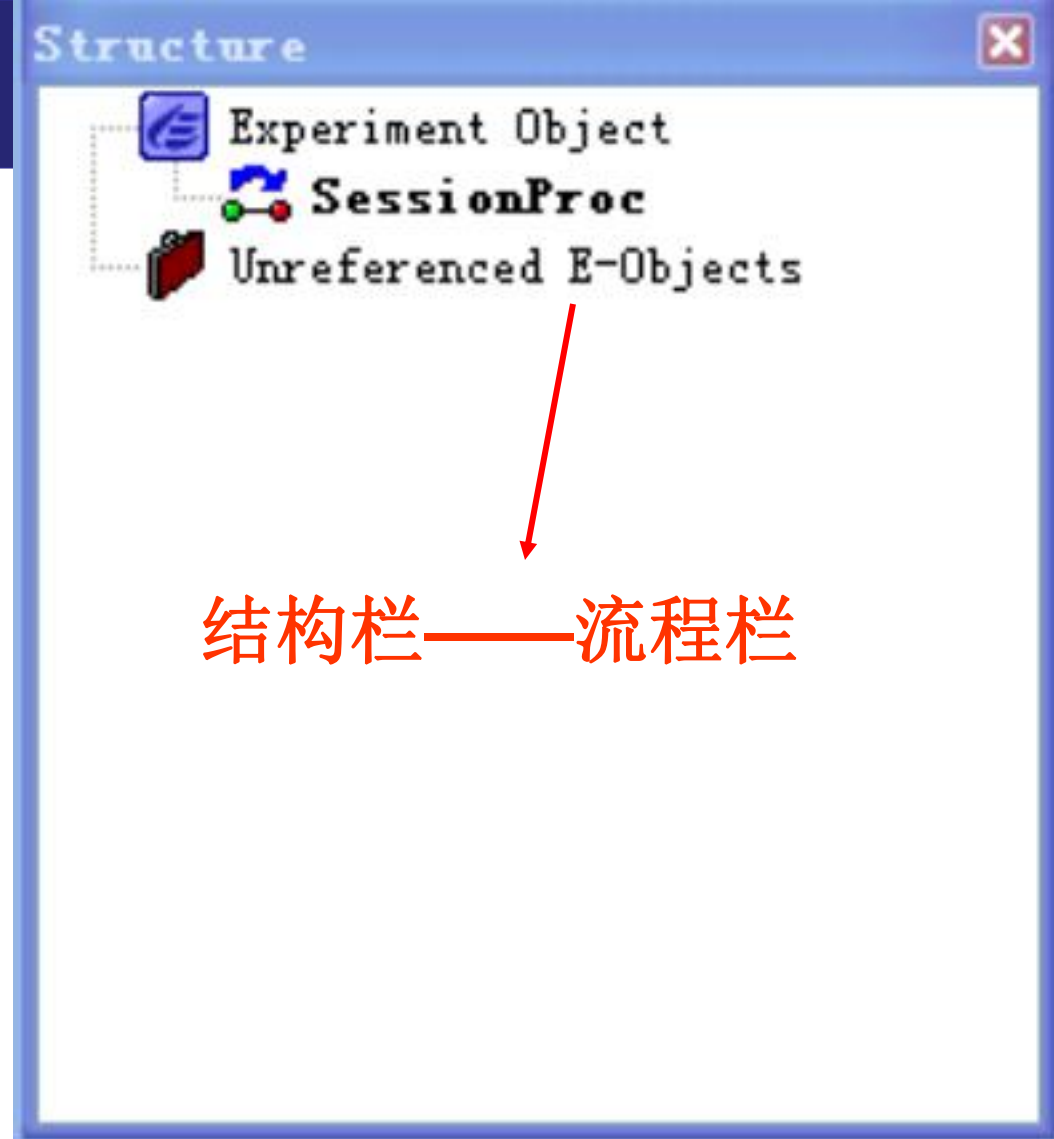
课堂码: 8D3PQW

邀请学生使用中国大学MOOC APP 或微信扫一扫

3. Course website: www.yanlab.club



3. e-prime toolbox



Properties



SessionProc Procedure



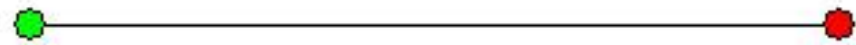
(Name)	SessionProc
(About)	
(Property Pages)	
FlushDataLog	No
GenerateLabels	Yes
GeneratePostRun	AfterObjectRun
GeneratePreRun	TopOfProcedure
HandlesConditionalE	Yes
LogData	Yes
Notes	
ProcessLastObjectP	Yes
Tag	

属性栏

Name

Uniquely identifies each object.

SessionProc



编辑栏

Untitled - E-Studio Professional

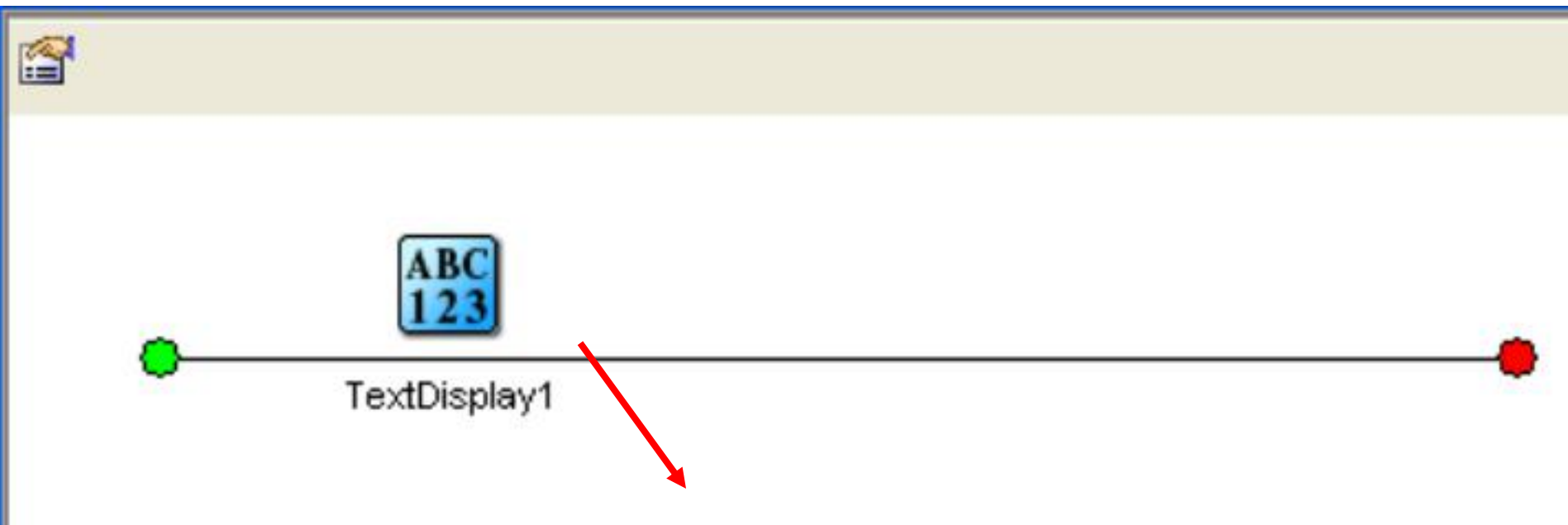
File Edit View E-Run Tools Window Help



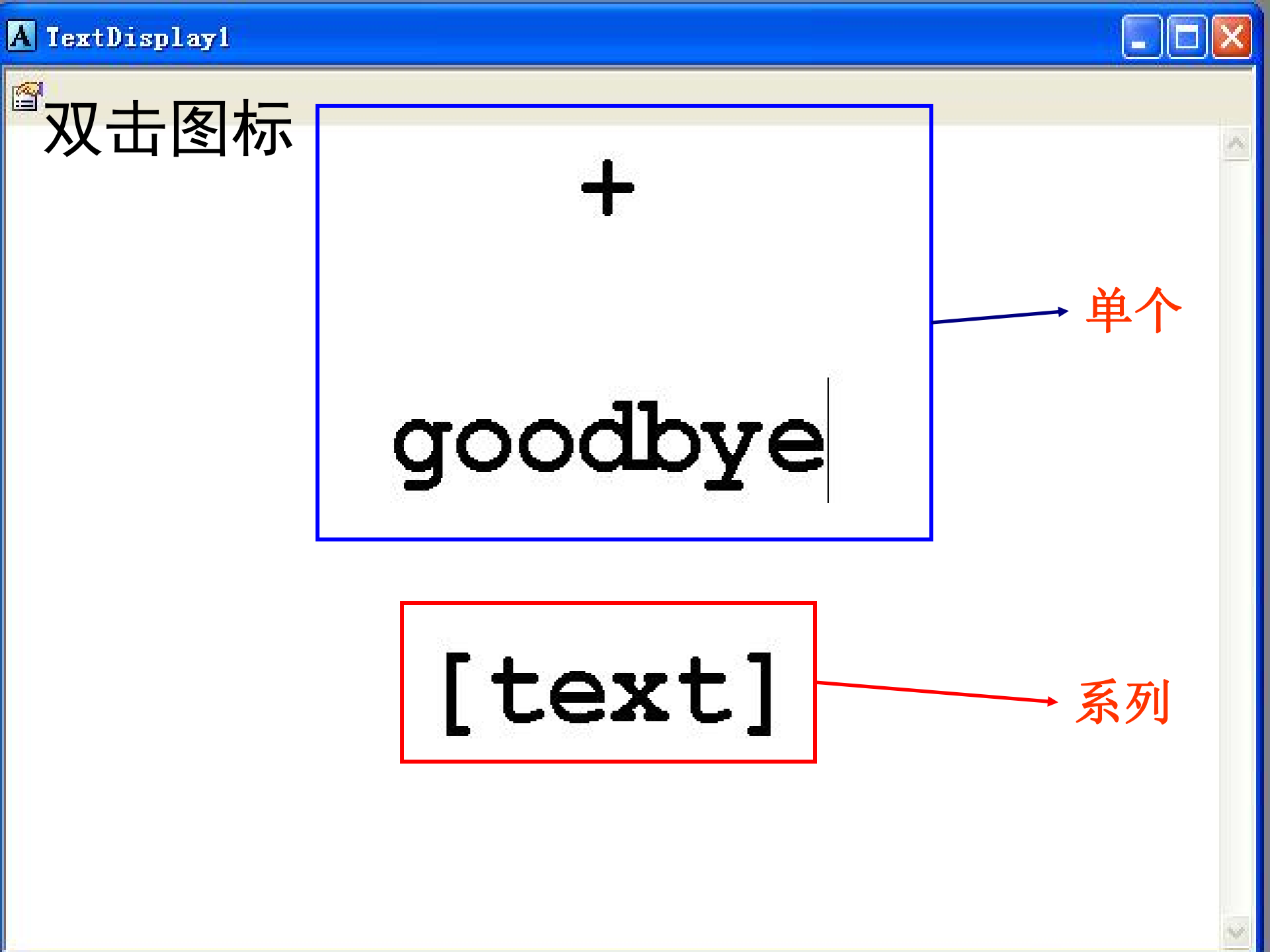
运行键



3.1 Textdisplay



功能：注视点、
加载数字与字
母、黑屏等



双击图标

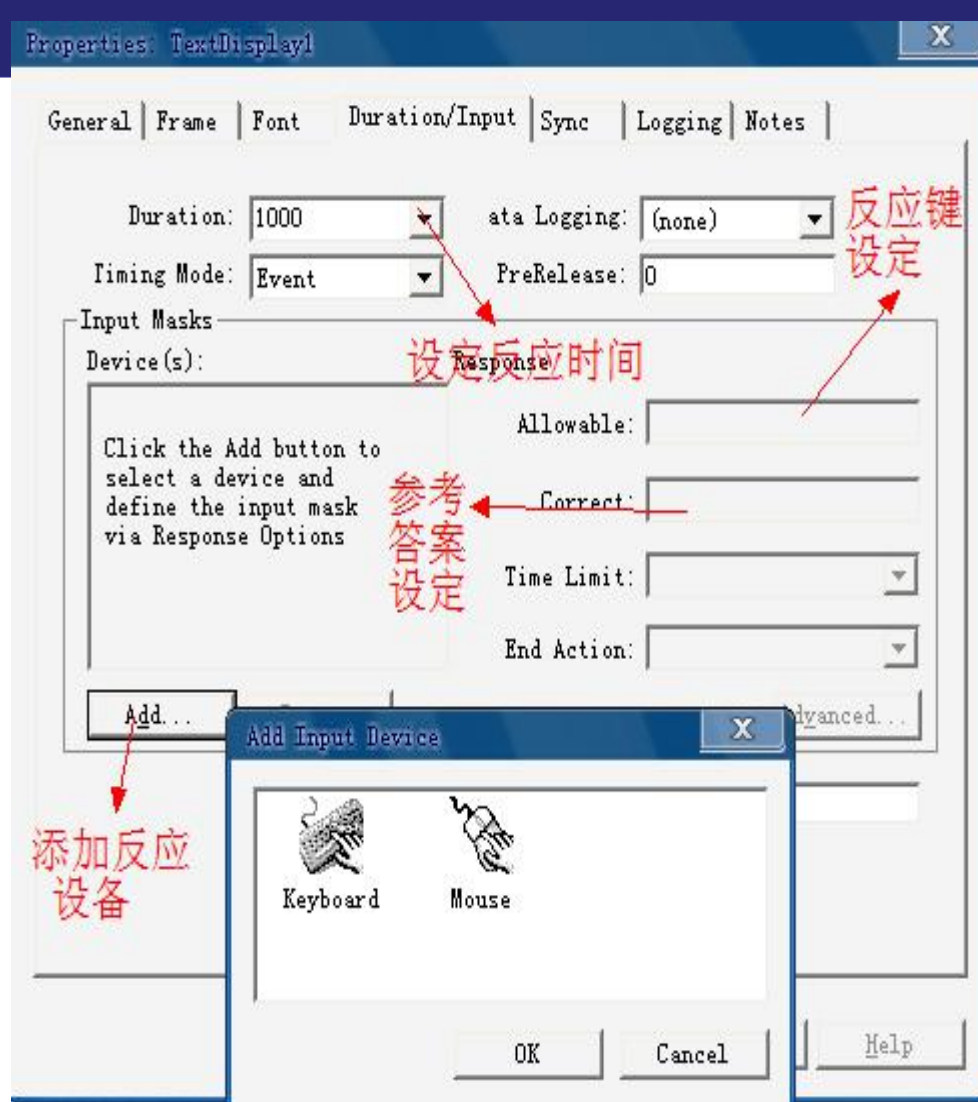
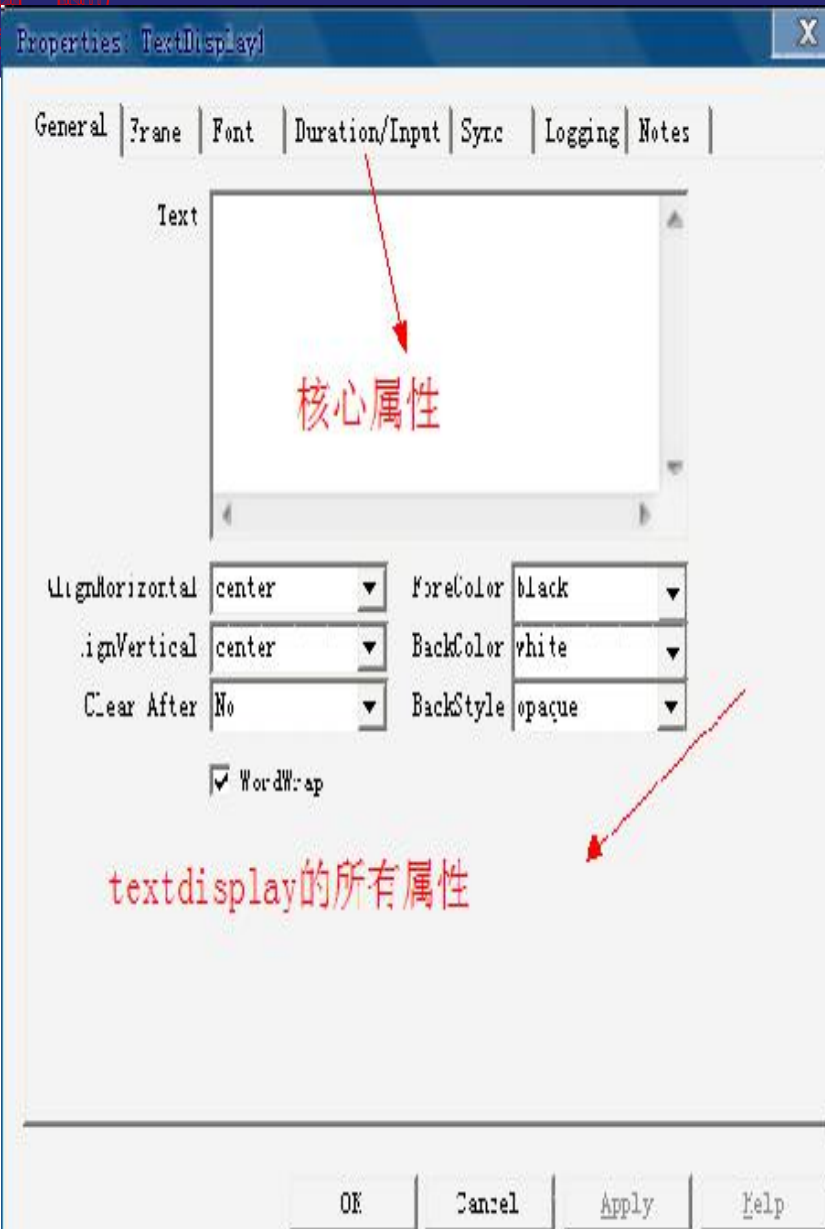
+

goodbye|

单个

[text]

系列



General | Frame | Font | Duration/Input | Sync | Logging | Notes |

Duration: 2000

ata Logging: Standard

Timing Mode: Event

PreRelease: 0

Input Masks

Device(s):

☒ Keyboard

Response

Keyboard

Allowable: fj

Correct: [answer]

Time Limit: (same as duration)

End Action: Terminate

Add...

Remove

Advanced...

ump Label:

OK

Cancel

Apply

Help

Properties: TextDisplay1

General | Frame | Font | Duration/Input | Sync | Logging | Notes

Property Name	Category	Description
☐ ACC	Dependent Measures	Subject response acc...
☐ CRESP	Dependent Measures	Correct Response
☐ RESP	Dependent Measures	Actual Response
☐ RT	Dependent Measures	Subject response tim...
☐ RTTime	Dependent Measures	Subject response tim...
☐ Tag	General	User-entered value 1...
☐ DurationError	Time Audit	Difference between t...
☐ OnsetDelay	Time Audit	Difference between t...
☐ OnsetTime	Time Audit	Timestamp of stimulu...
☐ ActionDelay	Time Audit (Extended)	How long the object ...
☐ ActionTime	Time Audit (Extended)	Timestamp at which t...
☐ CustomOffse...	Time Audit (Extended)	User-defined offset ...
☐ CustomOnset...	Time Audit (Extended)	User-defined onset time
☐ Duration	Time Audit (Extended)	Duration of the Run ...
☐ FinishTime	Time Audit (Extended)	Timestamp of when ob...
☐ OffsetDelay	Time Audit (Extended)	Difference between t...
☐ OffsetTime	Time Audit (Extended)	Timestamp of stimulu...

数据收集
要求设置

Check the items to have their values logged in the context

OK

Cancel

Apply

Help



2. list

基本功能：

装载实验素材名称，设定按键反应（标准答案）等

List1

Summary

4 Samples (1 cycle x 4 samples/cycle)

1 Cycle equals 4 samples

Sequential Selection

过程名

素材呈现次数

素材文件名

答案设定

ID	Weight	Nested	Procedure	text	answer
1	1		preproc	787	f
2	1		preproc	467	f
3	1		preproc	wetr	j
4	1		preproc	uer	j

General Selection Reset/Ex

Order

Sequential

素材呈现方式设定



3.2 Imagedisplay

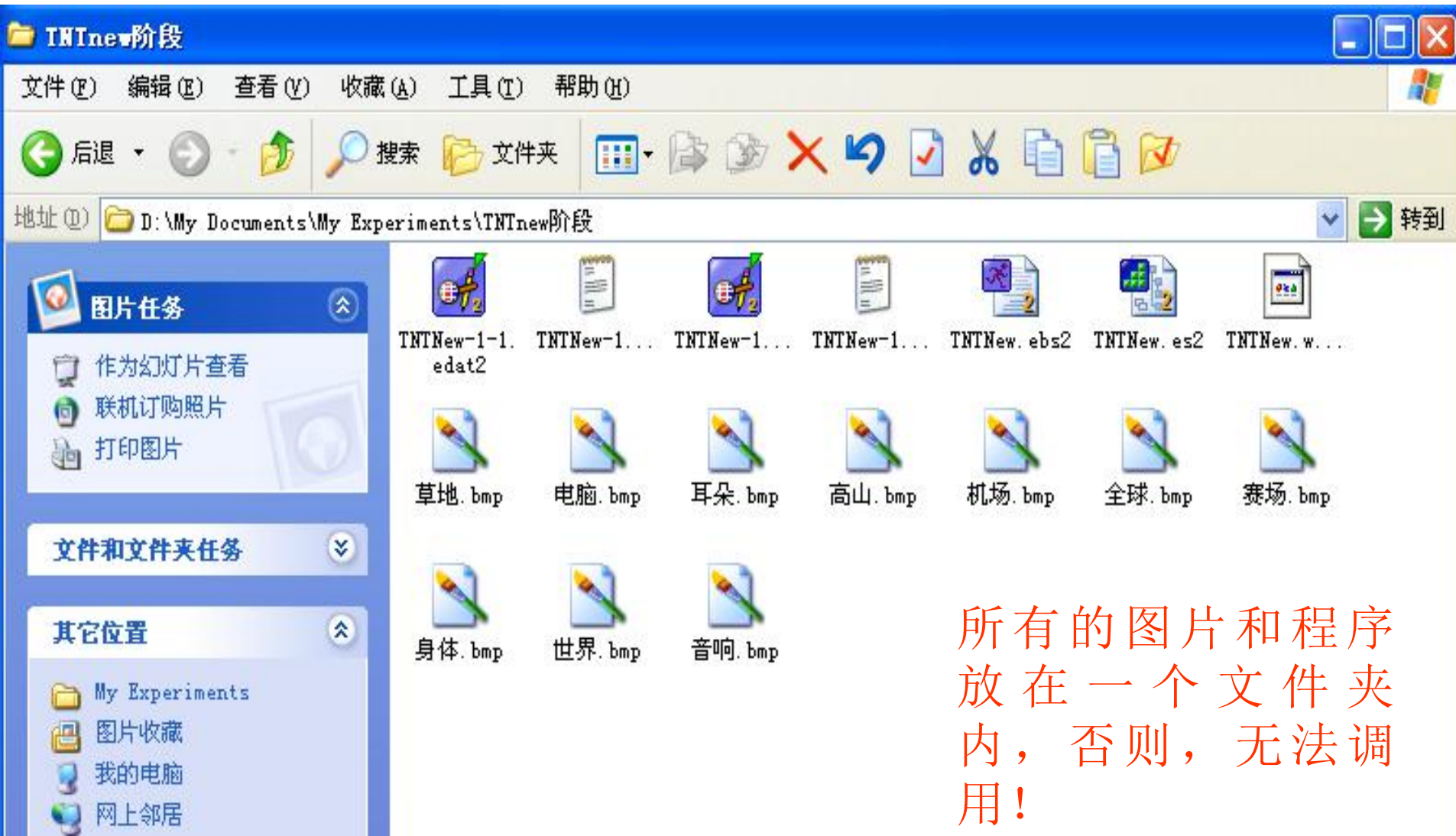
功能： 加载中文或者其他图片等

格式要求： .BMP/.JPG/.PNG/...

选择： 单个图片或者系列图片



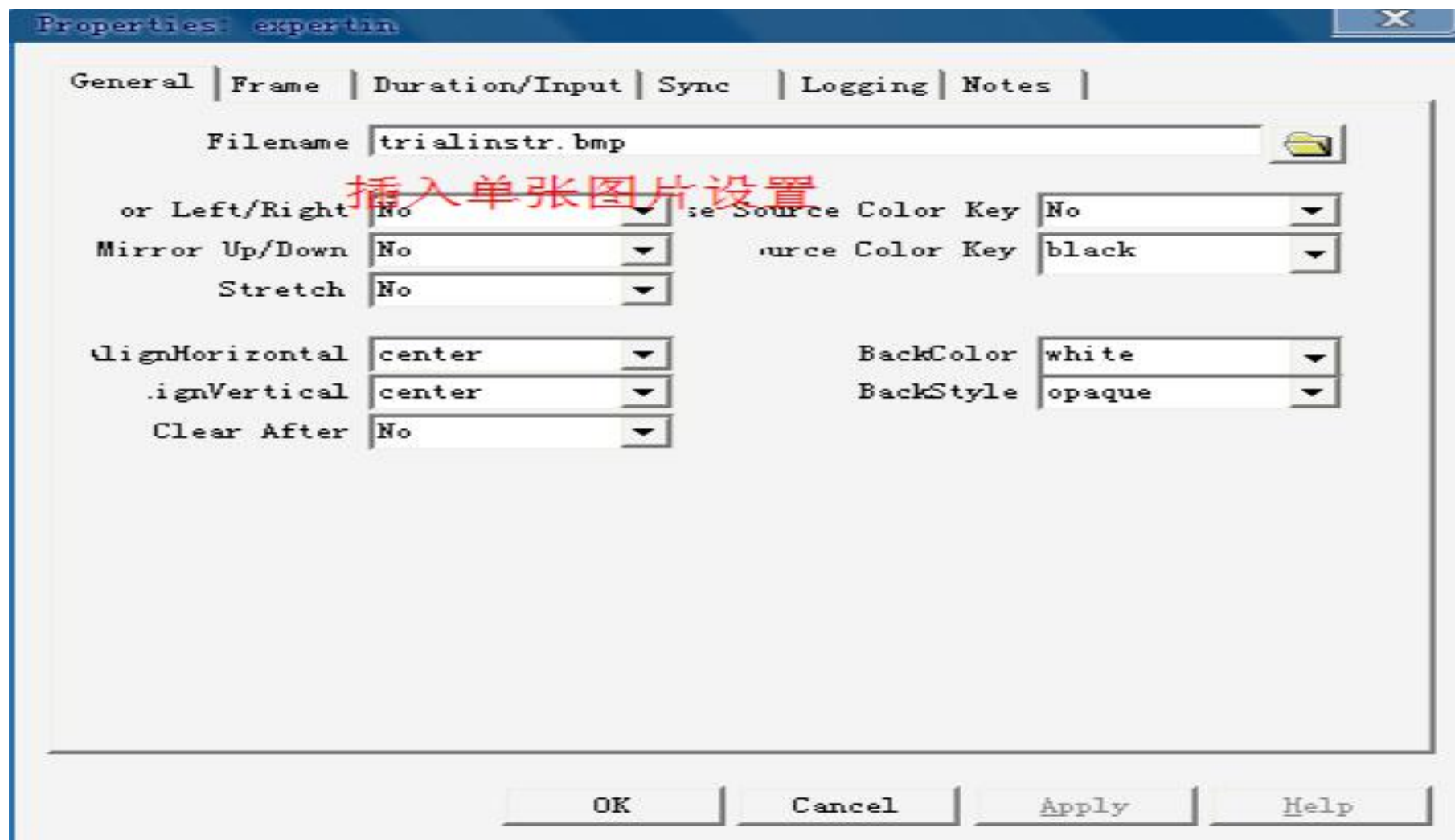
Imagedispaly文件放置要求



所有的图片和程序
放在一个文件夹
内，否则，无法调
用！



单个图片插入





expertin



插入效果显示

指导语

下面我们将进入正式的实验阶段，反应要求同练习阶段
到“(单词换成汉字) 汉字”，请按“F”键，看到“英
按“J”键，请快速而准确的做出反应，按任意键进入



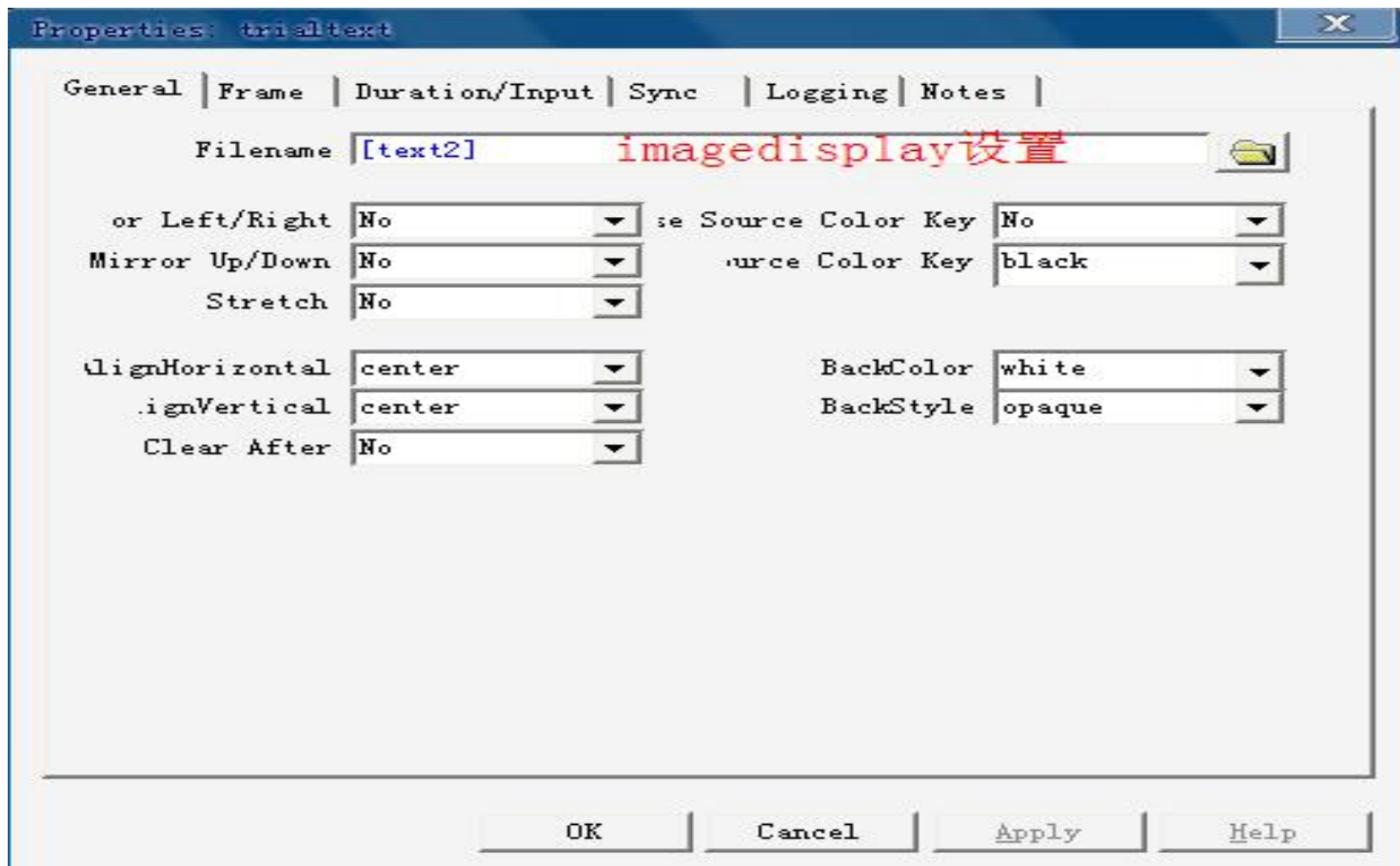
系列图片插入设置

ID	Weight	Nested	Procedure	text2	answer2
1	1		experproc	c1. bmp	f
2	1		experproc	c2. bmp	f
3	1		experproc	c3. bmp	f
4	1		experproc	e1. bmp	j
5	1		experproc	e2. bmp	j
6	1		experproc	e3. bmp	j

list设置要求



Image本身设置







Properties: trialtext

General | Frame | Duration/Input | Sync | Logging | Notes

Duration: 3000 ata Logging: Standard

Timing Mode: Event PreRelease: 0

Input Masks

Device(s)	Response	Keyboard
☒ Keyboard	Allowable: fj	Correct: [answer2]
	Time Limit: (same as duration)	End Action: Terminate

Add... Remove Advanced...

ump Label:

其余属性设置等同
textdisplay

OK Cancel Apply Help



思考：如此设置对程序的影响？

Properties: trialtext

General | Frame | Duration/Input | Sync | Logging | Notes

Size

Width 50% Height 50%

Position

X 50% XAlign center

Y 50% YAlign center

Border

borderColor black borderWidth 0

思考：imagedisplay的Frame
设置特点情况

OK Cancel Apply Help



Thank you for your attention!