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iDialogPad

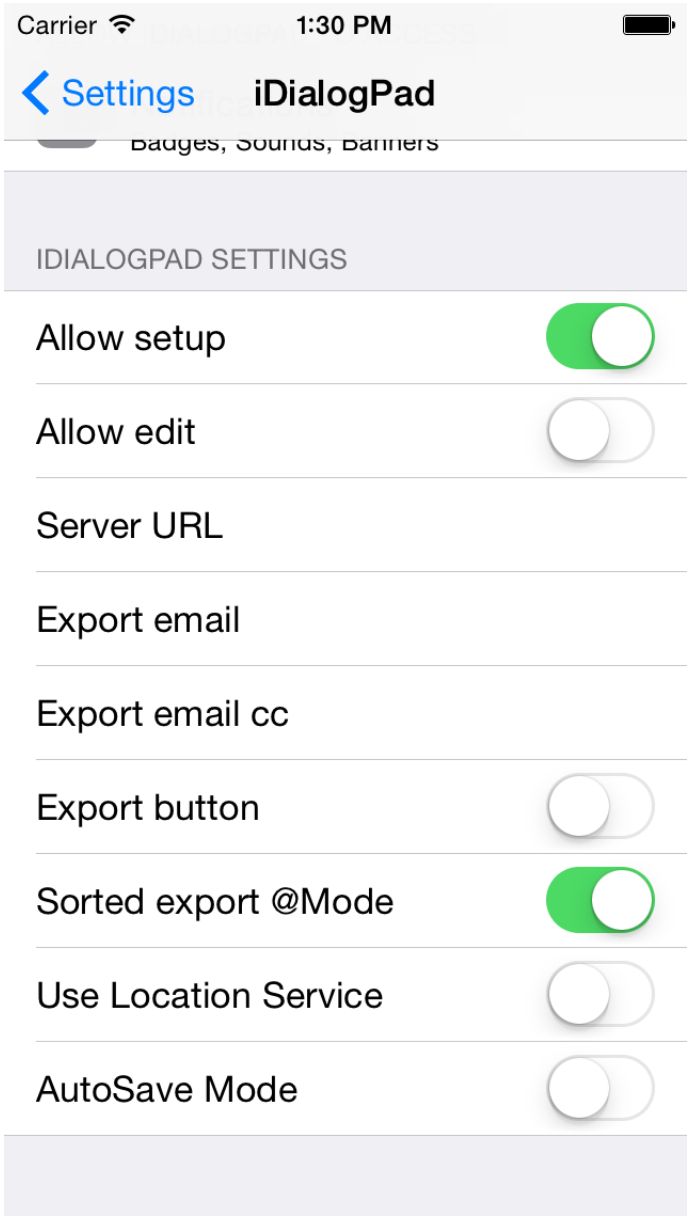
EMA & universal questionnaire

Version 1.9524

Summary

- all iOS devices (iOS version >=6.0) universal program, transforms to landscape view on iPads.
- EMA surveys but also all kinds of questionnaire like clinical surveys (on iPad) and adaptive testing.
- script based programming, easy to learn.
- surveys can be initiated by user, various timers or network signals eg from Varioport ™ physiological recorders
- all kinds of items like scales, lists, free text entry, time selectors, picture selector etc.
- special scales like SAM, Affect Grid
- automatic calculation of scale sums and support for norm tables
- special Tests like D2 and Working Memory Task implemented.
- Course of scales over time display of up to 6 scales
- can take pictures, record or play audio.
- on devices with gps can record position.
- German and english localisations
- exports excel sheets xls, csv and spss value labels either by email or network.
- in use since 2002 (former version on Palm Pilot).
- frequently updated with new features.
- distributed via ADHOC or XCODE7 sideloading (not App Store)
- uVariotest Mac and PC App for editing, syntax checking and simulating script files

Global setup menu

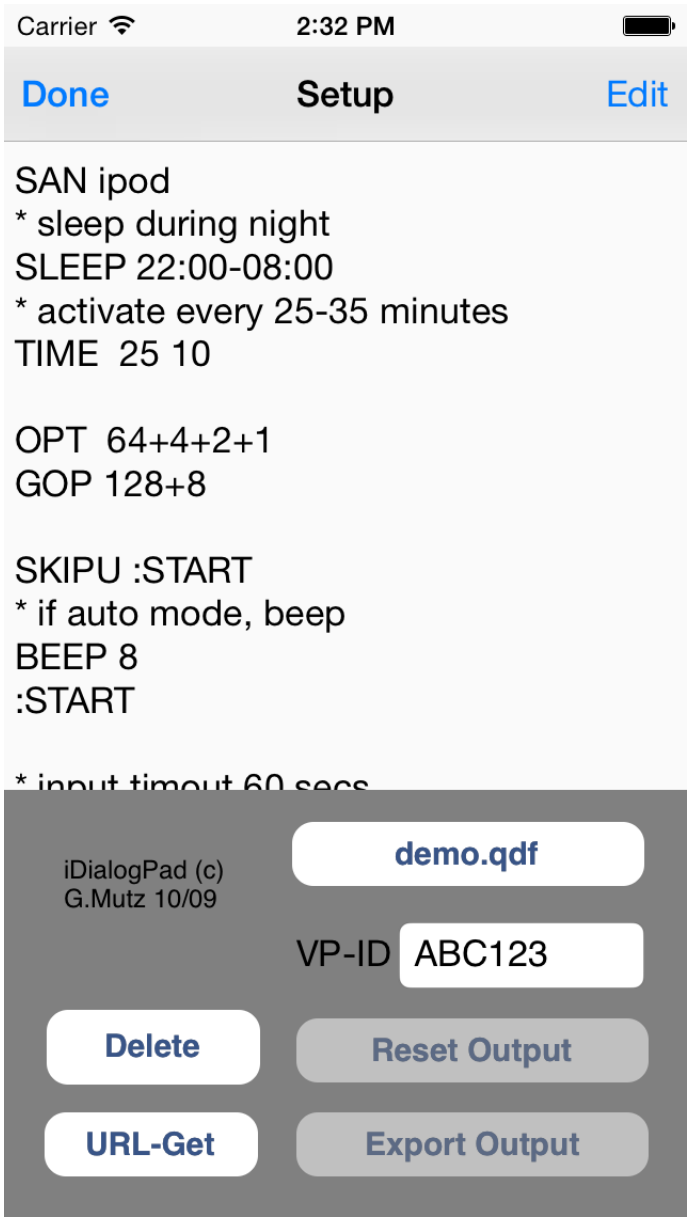


- Allow Setup: Info Button enters setup mode, else presents help screen
- Allow edit: Script can be edited on device
- Server URL: URL of server that holds scripts or storage of outputs for auto save mode
- Export email: email address to which to export data (or none)
- Export email cc: email address to which to export data
- Export Button: Show export button on start page. (not recommended)
- Sorted export @Mode: should always be on to sort export to Excel sheets.
- Use Location Service: Must be on if GPS shall be used.
- Auto Save Mode: Special mode to store outputs immediately to server.

Start screen

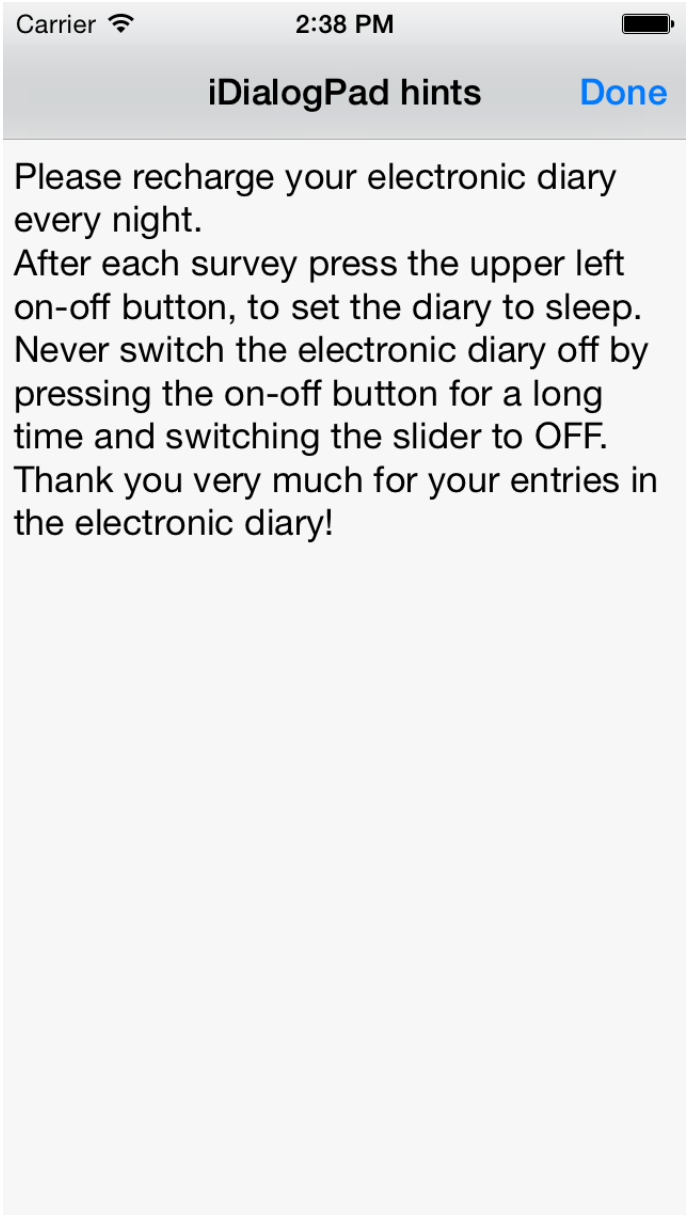
- Export Button may appear in the left upper corner. (see global setup menu)
- Info Button in the right upper corner shows help screen or setup menu
- Current day of survey and time of day
- Relative timer minutes to next survey
- Start Button starts a survey
- Optional sleep button suspends all timers
- ---:-- absolute time of next absolute timer or none
- Timer active is shown, when a timer is active
- The grey background can be replaced by a custom picture (file: background.jpg)

App setup menu



- Done returns to start screen
- Edit allow editing of script
- Current script button allows to select scripts
- VP-ID allows to enter a subject id
- Delete button allows to delete a script file
- Reset Output deletes the current output data (only active if already exported)
- URL-Get button allows to read multiple script files from a server
- Export Output button exports data via email.

Default help screen



- The default help screen can be replaced by a custom help text

Syntax of scriptfile

(name.qdf = questionnaire definition file)

Scripfiles have to be in UTF8 text file format with linefeed as line ending character and the file ending ".qdf". You may use international character fonts.
You may use uVariotest for editing of the files. The editor supports syntax coloring and simulating the script files on Mac and PC.

The file always must start with **SAN** and end with **SE**!

In the uVariotest editor you can put directives in the line after SAN for the simulator

Ipod => an ipod is simulated, default is ipad
auto => the timer invocation is simulated, default is user
center => the simulator window is centered on the screen with a black background
debug => all generated output is shown on an extra window immediately so that you can check directly what will be stored

All command lines have to end with a new line, only one command per line

Comment lines begin with * (star) ; (semicolon) or // (double slash)

Labels start with a colon and must have no more than 16 chars and contain no special chars or spaces.

Example:

```
SKIPU :START
BEEP 8

:START
```

Within a quoted string there may be no newlines. To force a newline you may type \r instead.
If a text starts with the „&" char the text will be centered. The whole Text can made bold by preceding the text with „$1"

All commands that create an output should have an Excel or SPSS embedded label at the start of the text. This is accomplished be embedding the label between @ chars. This enables the sorted export of the output files, and math with scales.

example:

ASK1 „@quest1@how are you now?" 2 „well" „not well"

„quest1" will be the header label of the corresponding excel column.

You can add or subtract numbers from the generated output value:

ASK1 „@quest1+1@how are you now?" 2 „well" „not well"

Will add 1 to the generated output of the ASK1 command

In a script file you would define Options and Timers first, then the actual query.

Data exchange:

Script files can be copied to the device via iTunes or other helper programs like iExplorer or iFunbox. The root directory of the app (documents directory) also has a folder OUTPUT to which all exported files are copied. The exported output files are never deleted and serve as a backup. The number of backuped files in the OUTPUT folder is shown on the app icon. You must delete these files manually from time to time. The OUTPUT folder may also contain other output files like pictures.
If the root folder contains a picture file backgroung.png this picture is displayed on the start screen.
Some commands need extra data in subfolders (e.g. picture selector). You must setup an extra folder with the exact name required by the command.
The file output.txt contains the current raw output of the query and should not be deleted. It is cleared after exporting by the “reset output” button in the setup menu.

The export buttons of the setup menu exports data to the given email addresses. You must clear the output after exporting with the “reset output” button otherwise data of the next query will be appended. It is also cleared by selecting another script file.
In autosave mode data is exported immediately after each query to the provided server and the output is cleared. (but a backup is always retained in the output folder) In auto save mode you must provide a server URL in the global setup of the app and on the server you must install a php script on the server root (see below at end of document)

The apps root folder also contains a file called logfile.txt which logs activities of the app. This file serves for debugging purposes and can normally be ignored.

Commands

Options:

OEXT „text“ this text will be inserted into the name of the exported output file (.txt and .xls)

OKTXT „text“ this text will replace the “OK” of the OK button.

ENDTXT „text“ this text is displayed at the end of the survey (default is end input).

HELP „file.txt“ Sets the help file text to the file „file.txt“ This text will be displayed in the help screen.

PTOUT NUM sets the timeout (in seconds) of the PRINT command. If timeout is 0 no timeout occurs.

TOUT NUM sets the timeout (in seconds) of scales and other input commands. Values below 10 are set to 10. If a label called :TOExit exists, the program jumps to that label. The code at :TOExit should then end with FTO (force timeout)

RETRY NUM sets the retry interval after a timeout (in minutes) in case of GOP set to code 4 (default is 15)

RETRIES NUM sets the number of retries when GOP is set to 4 (default is 10)

YO NUM sets an optional year offset in the year values of output files

OPT NUM sets a number of options which may be added by the + char, this command can be used repeatedly during the script
1 => shows the current day and time on the start screen
2 => shows the relative timer (TIME) remaining minutes and the next ATIME absolute time on the start screen
4 => not used
8 => list items left justified instead of centered
16 => text header centered instead of left justified
32 => no “Start” button. Only timer queries possible
64 => a sleep switch is displayed on the start screen to disable all timers by the user.
128 => the buttons of the ASK1, ASKM and ASKS commands are dynamically adjusted in height instead of fixed height (30 pixels)
256 => not used
512 => the OK button at the PRINT command is not shown. You can no longer terminate the print command with the OK button. By setting PTOUT to a fixed time you can display text for a predeterminated time.
1024 => during a relative timer running (TIME,TIMER) you can not manually start a query. There will be an alert box, stating that you have to wait for an automatic query.
2048 => same option than GOP 8 but can be changed during the test.

GOP NUM set some global options, this command can only be applied once in a script.
1 => no “Start” button. Only timer queries possible
2 => “back” button is not shown. You can not go back to the last item.
4 => when a timeout occurs, a new query will be started after 15 minutes (or time set with RETRY)
8 => wiht ASK1,ASKS,ASKM a list instead of buttons is displayed.
16 => in case of option 8 , auto adjust size of entries.
32 => SRH and SRL a switched. (for compatibility reasons with old versions)
64 => reaction time for ASK commands (in milliseconds) is stored in output
128 => PSEL also active with ASK 2
256 => output backup files are not stored in folder OUTPUT, but in root (Documents) folder
512 => in autosave mode output files are not reset after query (incremental backup)
1024 => (only on ipad) in the right lower corner an additional switch is shown. The value of this switch is stored together with the items value in the output. Also with cmd ASKA a percent value is displayed.
2048 => on export also sorted exports will be backuped in OUTPUT folder, else unsorted backups.
4096 => @Labels are not forced. (normally @ must be present)

default value of GOP is 128

PSEL NUM sets the preselection of items to position NUM.
PSEL 128 sets the preselection to a random value
PSEL 99 disables preselection. The OK buttons is not shown until an entry was made.
Default value is 99

FSIZ NUM sets the font size of header text to size NUM. If NUM is 0 then the default size is used Applies to ASK and PRINT commands.

BFSIZ NUM sets the font size of the text in buttons. If NUM is 0 the default size is used.

IFSIZ NUM sets the font size of the INPUT cmd. IF NUM is 0 the default size is used.

RMRK PP FF
Changes the appearance of the next item header at random with a probability of PP percent.
FF
1 => center header text
2 => bold header text
4 => capital letters
if appearance was changed , 256 is added to the result of the next item.

Timers:

Timers can initiate a query by alerting the user via sound (or vibration) signals.
Special commands can determine if the query was initiated by the user or a timer and then execute different queries.

On IOS timers inside an app stop when the app goes to background or the device is off.
Therefore the app uses a special mode for the timers which requires more battery power than usual. This results in a reduced runtime when using timers. You can achieve, depending on device, at least 20-30 hours of runtime. This however means the device must be charged every night when using timers.

There are 3 independent timer systems available.

Relative Timer:

TIME xxxx yyyy
Defines the time between two relative timer events
xxxx is the fixed interval (1-32767) while yyyy (1-32767) is a random additional part in minutes
if xxxx is zero the relative timer is disabled.

e.g. TIME 20 5 creates a timer event every 20 to 25 minutes

Absolute timer:

ATIME D:HH:MM D:HH:MM .....
Starts a query on an absolute time => hours, minutes (only 24 hours mode supported)
You can define up to 128 absolute timers.

D = number of relative day the timer shall fire, if D=0 the timer fires every day.

Optional a random extra time can be define by a trailing –RR define

Examples:

ATIME 0:9:00-15 generates a timer every day between 9 and 9:15

or
ATIME 1:12:00-15 1:16:00-15 1:20:00-15
ATIME 2:08:00-15 2:10:00-15 2:12:00-15
ATIME 3:17:00-15 3:18:00-15 3:19:00-15

On the first day the timer fires between 12:00 and 12:15, 16:00 and 16:15, 20:00 and 20:15
On the second day the timer fires between 8:00 and 8:15, 10:00 and 10:15, 12:00 and 12:15
On the third day the timer fires between 17:00 and 17:15, 18:00 and 18:15, 19:00 and 19:15

Additional relative timer to ATIME

TIMER xx yy
Defines a extra relative timer in case an absolute timer is active. (ATIME disables the normal TIME timer) this timer is only used in conjunction with ATIME and fires only once.

SLEEP hh:mm-hh:mm
No timer events between hh:mm and hh:mm (hours:minutes)
This option is ignored if the sleep switch is displayed on start screen (see OPT 64)

Absolute event timer:

EVENT hh:ss „text“ p f
Generates an event at hour,minute. The text „text“ is displayed and a sound with the number p (see BEEP) is generated. The Display is terminated by pressing the OK button.
This event is independent of the other timers

f = Flag
0 = event off, 1 = event on
2 = set (SETV) Flag to 1, the number of the flag is shifted by 4

=> 3 sets flag 0 to 1
=>19 (16+3) sets flag 1 to 1

Alerts:

PRINT „text“ prints the text and waits for the OK button. Is terminated after PTOUT seconds.
You can display values of variables in the PRINT command. If you type {x%d} the variable with the number x is displayed.

example at end of questionnaire:
INCV2
PRINT „ you did this query {2%d} times,“

You can also show values of scales or SUMs with the @ indicator

PRINT “your sum value was: {@EXVN@%d}“ (EXVN being the @ label of a SUM cmd)

BEEP p

Generates the following sounds for p:

0 = every second a short alarm sound 10 times
1 = IOS Alarm sound
2 =default
3 = default
4 = IOS Alert sound
5 = default
6 = default
7 = Vibrate (iPhones only)
8 = every 3 seconds an alarm tone (Classic), until a button pressed. (maximum 10 times)
9 = every 3 seconds an alarm tone (Sonar), until a button pressed. (maximum 10 times)
10 = every 3 seconds an alarm tone (Telefone), until a button pressed. (maximum 10 times)

User inputs:

SDIALOG "header" "left button text" "right button text" display a dialog box with the header text „text“ and left and right button text provided. (generates no output!)

example:

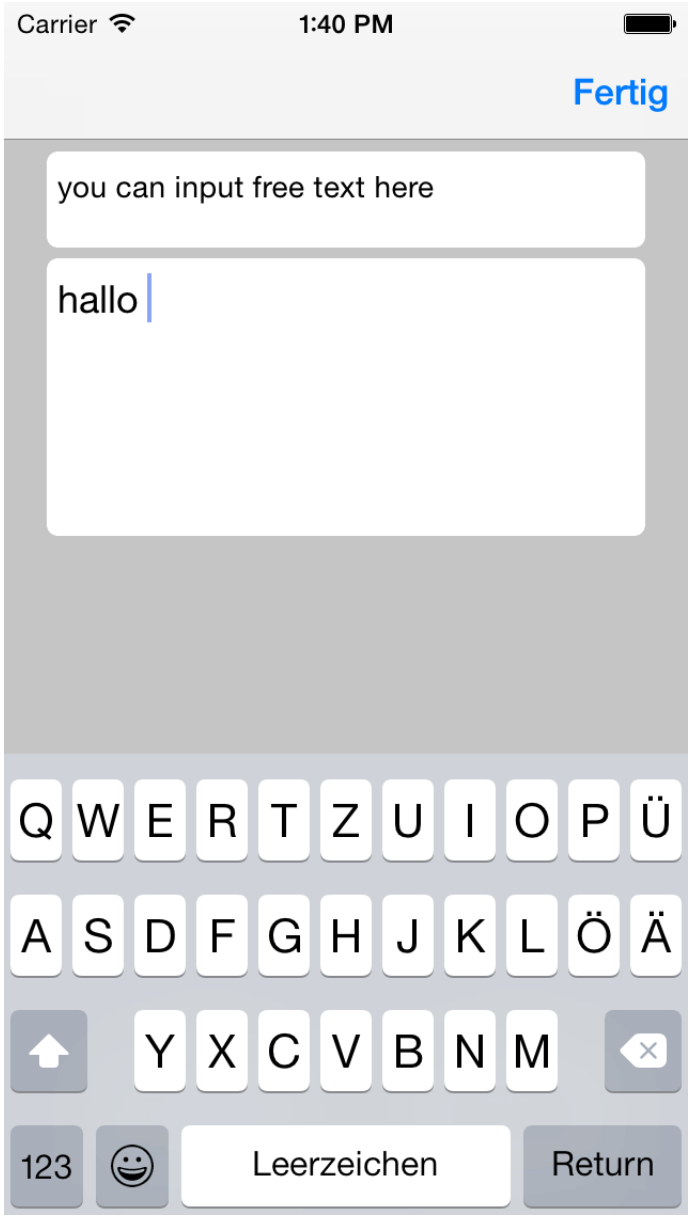
```
SDIALOG "Really start survey ?" "Yes" "Later"
SRE 1 :astart
FTO
:astart
```

INPUT „header“ (T) displays a free text input box

the optional number T selects the used keyboard:

```
0 = UIKeyboardTypeDefault (Default type for the current input)
1 = UIKeyboardTypeASCIICapable (Displays a keyboard which can enter ASCII
characters, non-ASCII keyboards remain active)
2 = UIKeyboardTypeNumbersAndPunctuation (Numbers and assorted punctuation.)
3 = UIKeyboardTypeURL,(A type optimized for URL entry (shows . / .com
prominently))
4 = UIKeyboardTypeNumberPad,(A number pad (0-9). Suitable for PIN entry)
5 = UIKeyboardTypePhonePad,(A phone pad (1-9, *, 0, #, with letters under the
numbers))
6 = UIKeyboardTypeNamePhonePad,(A type optimized for entering a person's name
or phone number)
7 = UIKeyboardTypeEmailAddress,(A type optimized for multiple email address
entry (shows space @ . prominently).
8 = UIKeyboardTypeDecimalPad,(A number pad with a decimal point)
```

If PSEL 99 then user must type at least N chars before the OK button appears.
N is specified together with the keyboard code => (N*16)+ keyboard code
e.g. => 4*16+0 => 48 at least 4 chars have to be entered (default keyboard)

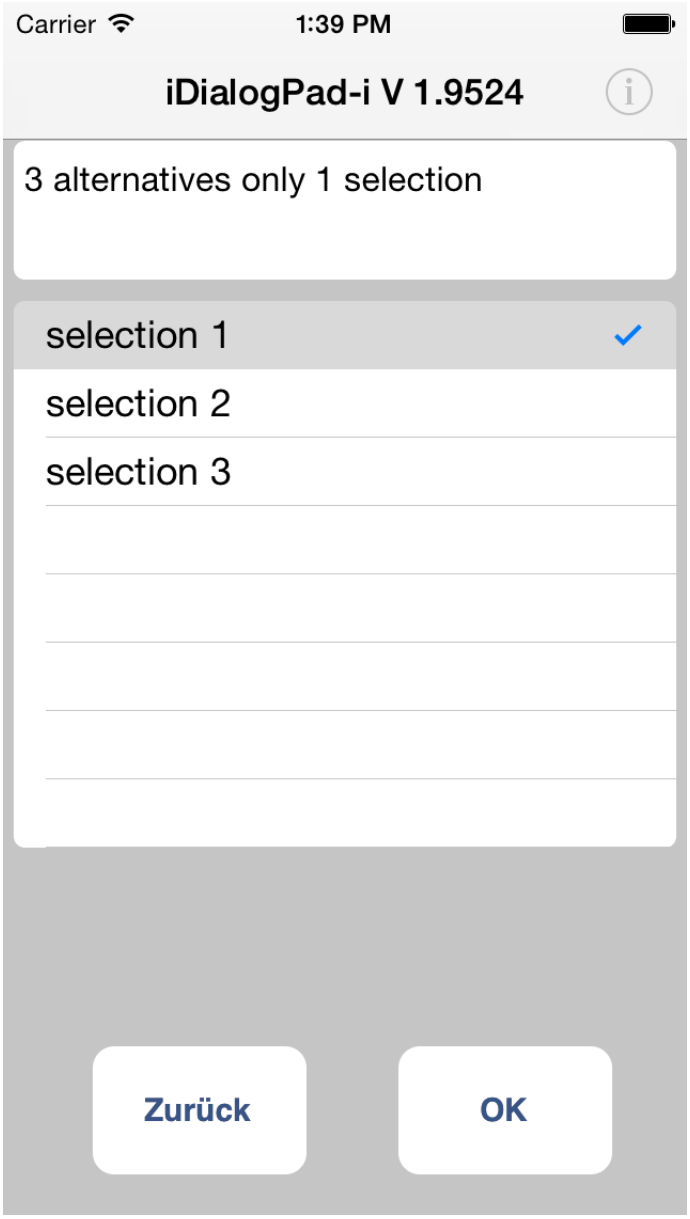

Carrier
1:40 PM
Fertig
you can input free text here
hallo
Q W E R T Z U I O P Ü
A S D F G H J K L Ö Ä
Y X C V B N M
123
Leerzeichen
Return

TIMS „header“ FLAG show a number of time selection wheel
FLAG=0 select minutes and hours time duration,
FLAG=1 select time of day (24 hour mode only)
FLAG=2 select a 4 digit number
FLAG=3 select a 4 digit number
FLAG=4 like 0 but do not force non zero selection
FLAG=5 select a day (1-7) and a number (1-9)

If 16 is added to FLAG on IPAD a larger text field is shown left of the time wheel.

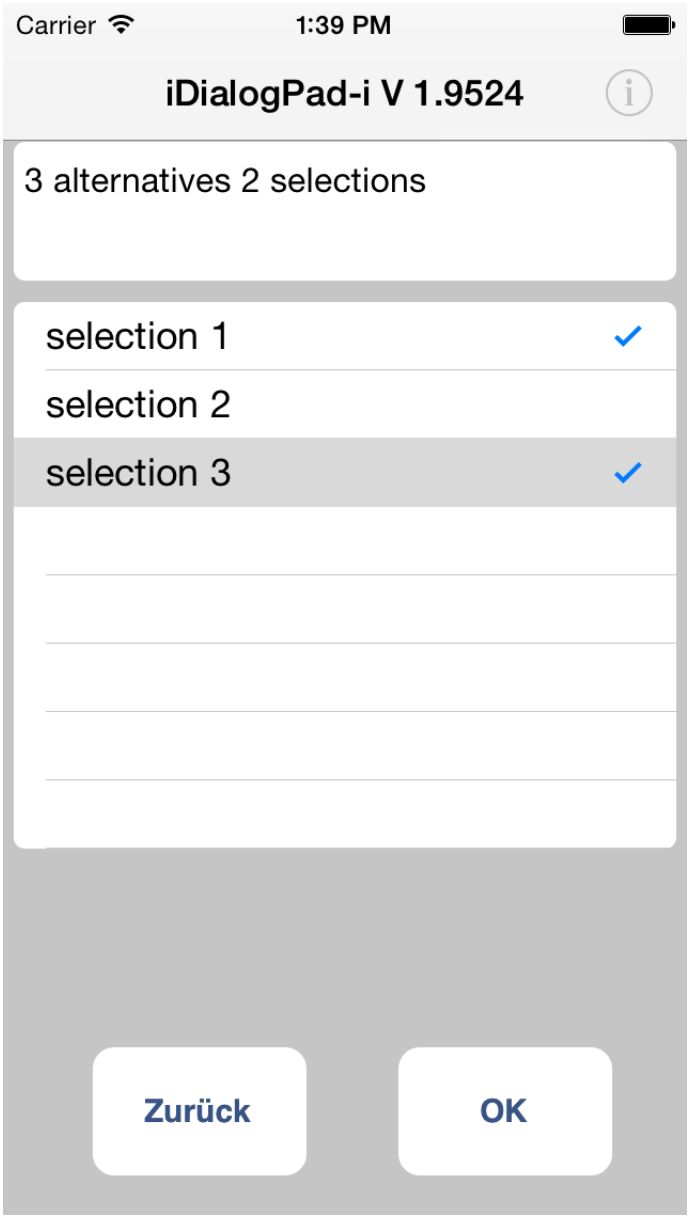
ASKS „header“ NUM „answ1“ :Lbla „answ2“ ;Lblb „answn“ :Lbln
Displays a list with NUM statements and jumps
NUM is the number of alternatives (max 16, from 9 on 2 columns, only 8 in list mode)
„answ1“,-„answn“ are texts of the statements
:Lbla,:Lblb- :Lbln are labels to jump at selection
Result is coded as number (1-NUM) and text

ASK1 „header“ NUM „ants1“ „ants2“ „antsn“
Like ASKS but without jump labels, only 1 selection possible

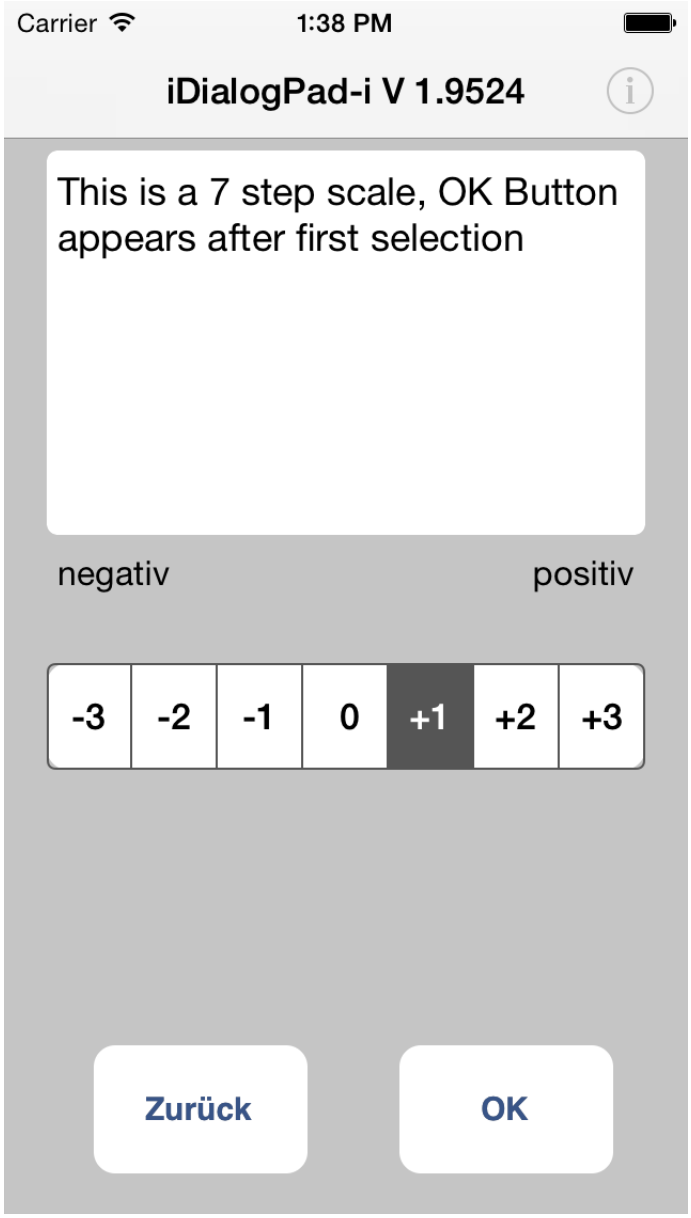


ASKM „header“ NUM MAX „ants1“ „ants2“ „antsn“
Like ASK1 but you may select more than 1 item. (MAX items)
Result is coded as a bit field of 16 bits.
If item 1 is selected result is 1, if item 2 is selected result is 2 and so on (powers of 2)
e.g. if item 1 and 2 are selected result is 3

ASKS,ASK1 and ASKM can display on optional image in the header
If you specify !NN at the beginning of the text NN is the number of an image in the subdirectory “picts” of the root directory. The pictures must have the following names thumbNN.png e.g. thumb01.png is selected with “!01header text here”



ASK2 „header“
Displays a rating scale item. The scale must have been defined before.
Result is coded as a number from 0-(N-1)

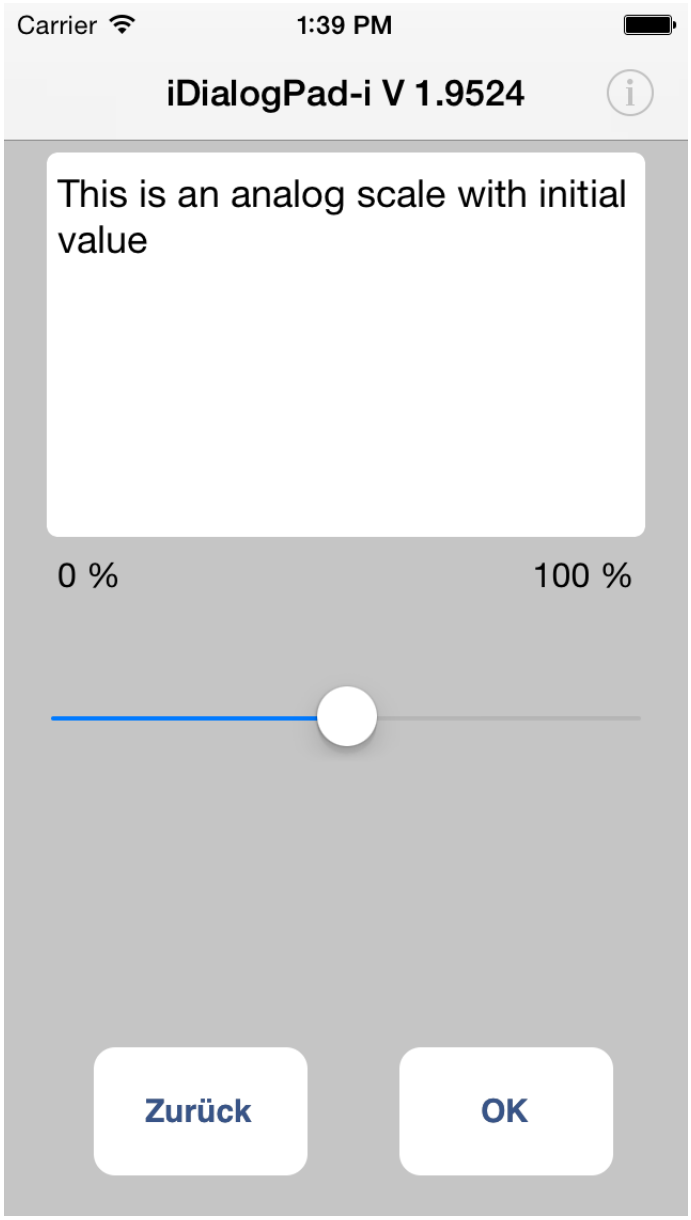


SCALE „scale“ „left“ „right“
Selects a scale from subsequent ASK2 commands.
Scale defines the number of steps by counting every 2 chars as an entry.
e.g. “-3-2-1 0+1+2+3” gives a seven step scale with -1 to +3
„left“ is the left, „right“ the right scale header.
If left or right text contain a colon up to 4 header text are printed

If scale text starts with a colon, colon separated text are displayed as the rating scale itself. In this case no header is used. (header items should be empty strings here)
IFSIZ can set the text size in this mode.


Carrier
1:51 PM
iDialogPad-i V 1.9524
3 step scale with text, OK Button appears after first selection
not at all
don't know
very much
Zurück
OK

ASKA „header“ like ASK2 but a visual analog scale is shown.
Result is coded from 0-100



ASKU „header“
Asks for a user ID, the gender and the age.
Result is the USERID, the gender as a number (1=male,2=female) and the age

Special actions:

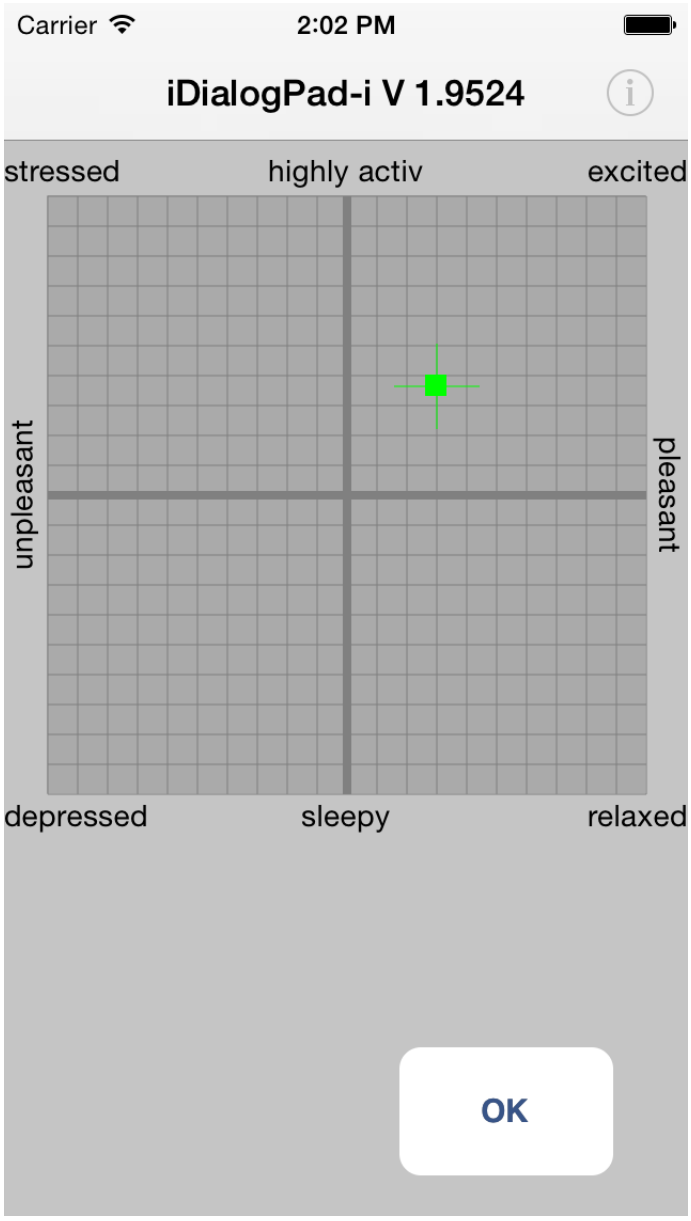
TP (take picture)
Allows to take a picture with the build in camera. Pictures are stored in jpeg format in a subfolder OUTPUT/pi_userid (userid being the selected USERID). The file names of the pictures contain a time stamp.

RA „header“ (record audio)
Allows recording of audio messages on devices with build in microphone. Files are stored caf (core audio format) format in a subfolder OUTPUT/ra_userid (userid being the selected USERID) The file names of the pictures contain a time stamp.

PA „header“ „audiofile“ flags (play audio)
Allows playing of an audio file (e.g. mp3). A Start/Pause and OK Button are displayed. You can start audio by pressing Start. The remaining time is also displayed. Audio files must be put into a subfolder named “Soundfiles”. If flags = 0 no OK button is shown and hence you must play until the end of audio.

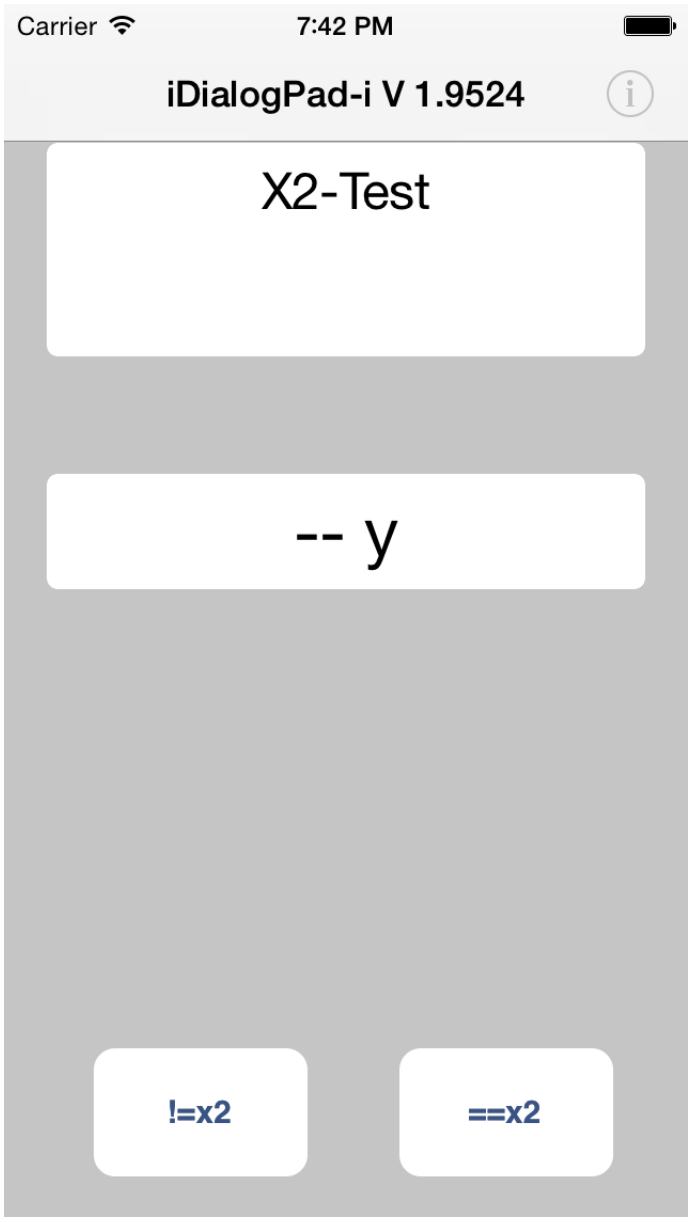
TEST „header“ 0 CELLS FLAG „lo“ „mo“ „ro“ „lu“ „mu“ „ru“ „ml“ „mr“
Shows an “affect grid” with CELLS cells in x and y direction.
The 8 Texts are 3 upper, lower and 2 left and right mid positions
Header is only shown on iPad.
Flag 1 hides the OK button until any selection was taken.

Result is stored in 3 values: x axis selection (1-CELLS), y axis selection (1-CELLS) and the reaction time in milliseconds



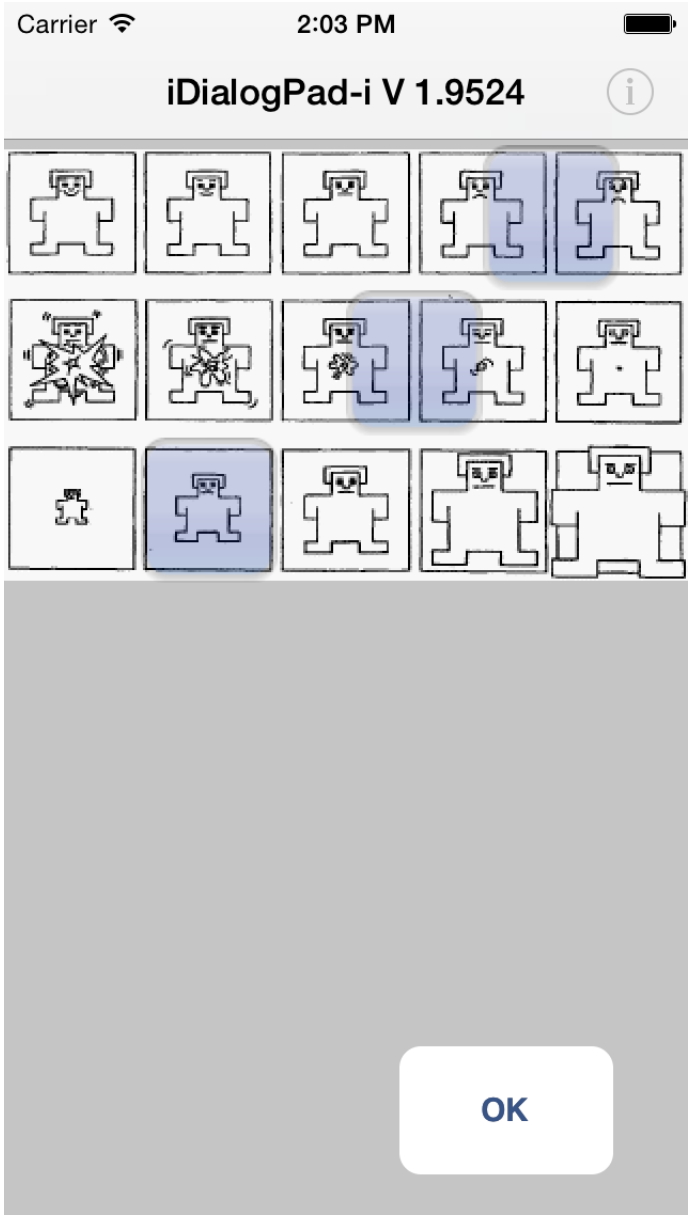
TEST „header“ 1 NN BB TT DD FF
Starts a visual discrimination task of kind d2-test with NN items and BB blocks, a display time per item of TT (in 1/10 seconds), DD percent distribution between “right” and “wrong” items.
FF options:
1 user percental distribution from DD for selection of items, if DD>0, if DD=0 use random 1 of 17 (3 right, 14 wrong items)
2 use fixed table for item selection
32 Self pacing mode, new item is immediately presented, else after TT time

In difference to d2-test the items uses x and y .
Right items are: --x, x—and –x-
All other x and y combinations are wrong.
You select with the buttons “==x2” and “!=x2”
Result is stored in 10 variables:
Number of items, number of errors, average and standard deviation of wrong answers, right answers, button ==x2 and button !=x2

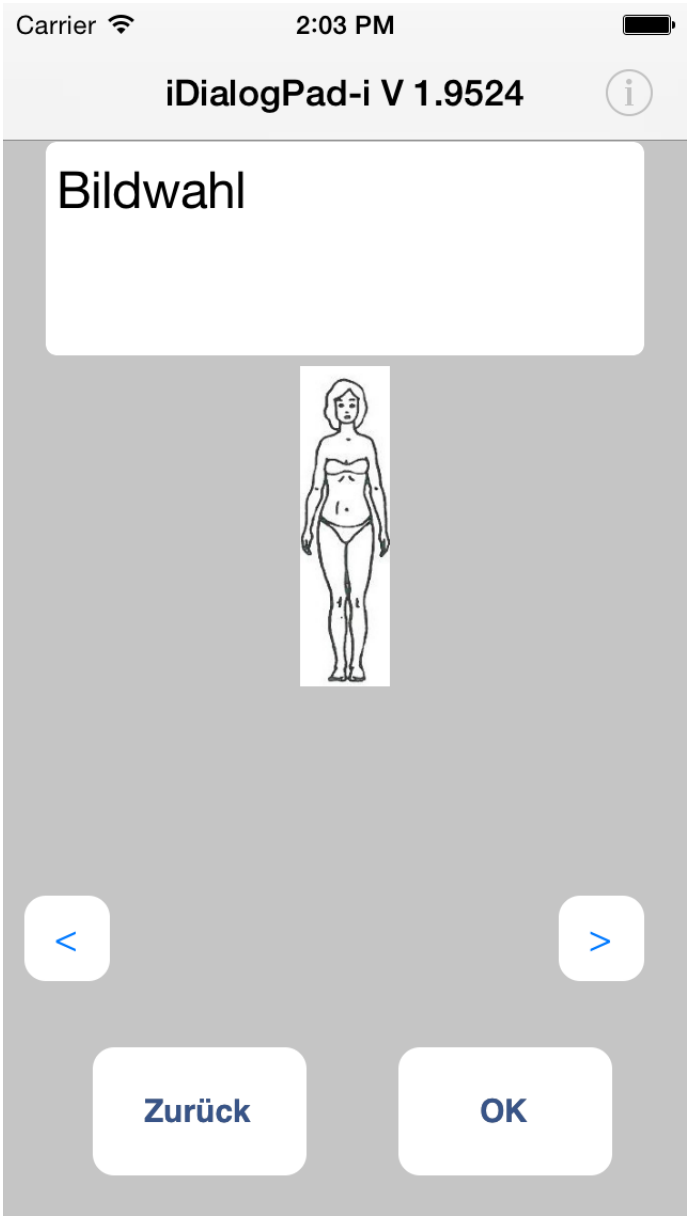


TEST „header“ 2 TO OPT NU NU NU
Shows a SAM (self assessment manekin) scale
TO is a timeout in seconds.

OPT
1 = OK button appears after answering all 3 scales
2 = 9 step scale, else 5 step
NU = not used (set to zero)



TEST „header“ 3 TO OPT MINPIC MAXPIC NU
Shows a picture selector with pictures in a subfolder “tpicts”.
Pictures must be named pictsxx.jpg (xx=01,02,03 etc)
TO is the timeout in seconds
OPT if 1 hides OK button until selection
MINPIC is the number of the first picture
MAXPIC is the number of the last picture
You can select the pictures with arrow buttons.
The first shown picture is randomly selected.
If MINPIC is 0 a default picture set is used (very thin to very thick women)
NU = not used (set to zero)



TEST „header“ 4 TO START NUM NU NU
Starts a working memory task.
You must deploy a file in the root directory named wmtask.csv,
TO is the timeout in seconds
START is the number of the start block in the file (1...N)
NUM is number of blocks that shall be used

If START and NUM are 0 then all blocks will be used
If START is 0 then NUM blocks will be randomly selected

The file wmtask (Type csv) has 4 different entries:
S;1;2;3;4;5
start of block parameters are the content of the 4 cells and the time in seconds
T;1;2;3;4;5
Task (calculation task) in the 4 cells and time in seconds
R;1;2;3;4;5
Get result for cells, only in one cell should be a question mark (?)
E;1;2;3;4;5
Show result Param5 = display time in seconds
Empty cells are marked by the # char
Results tbd

HIST „Label1,Label2,Labeln“ TOUT NU NU
Shows a history of up to 6 @variables.
The graph is terminated after TOUT seconds or with DONE button
NU = not used (set to zero)

GTS „text“
Generates a time stamp HH:MM:SS
GPS „text“
Stores the current gps position if the device supports it. (e.g. devices without gps hardware may only give gps positions if logged into WLAN)
This command should be at the end of the query to give the device the time to find its position,
You must enable this in the global settings of the App.

FILE name.qdf
Calls a subfile. This command may NOT be nested. Only 1 level is allowed.
The result of all used files are stored in the same output.
The filename must not be quoted here! (no quotation marks)

Variables:

SETVx v
Sets the variable x to the value v(0-65535). There are 16 variables (SETV0 – SETV9 – SETVA-SETVF).
Variable 7 contains the current day since start of program (1-N)
Variable 8 is reset to zero at midnight and can be used to start a query only once a day.
Variable 9 is set to 1 if script is started by ATIME timer, set to 2 if started by NETWORK, else zero.
In case of NETWORK variable 6 contains network message code.

GOVx „text“
Generates an output with the value of variable x

SNZVx Label
If variable x is not zero, jump to Label

SZVx Label
If variable x is zero, jump to Label

SEVx Value Label
If variable x is equal to Value, jump to Label

INCVx
Add one to variable x

TSTVx
Tests the variable x (0-9,A-F).
The result of this test can be checked with the result check commands (see below)
If x = a-c you can test values in the network buffer (a=1. char, b= 2. char etc)
TSTVx gives the result of the X-axis of the Affect Grid
TSTVy gives the result of the Y-axis of the Affect Grid
TSTVd gives a 1, if the day has changed else 0 (only once a day)

ADDRVx
Adds the result of a previous command to variable x
This allows summing of several items.

Compare and jump cmds:

Result is set after each command that produces an output

SKIP Label
Jumps to label

SKIPL HH:MM Label
Jumps to label if current time lower than hour,minute

SKIPH HH:MM Label
Jumps to label if current time higher than hour,minute

SKIPU Label
Jumps to label if user started the query

SRA Label
Jumps to label if program is in retry mode, last query has had a timeout.

SRE Value Label
Jumps to label if result is equal to value

SRN Value Label
Jumps to label if result is not equal to value

SRL Value Label
Jumps to label if result is lower than value

SRH Value Label
Jumps to label if result is higher than value

SRAE Value Label
Jumps to label if value is contained in result (this is an AND operation)
Used to test ASKM results

SRAN Value Label
Jumps to label if value is not contained in result (this is an AND operation)
Used to test ASKM results

SRTH Rtime Label
Jumps to label if remaining time in ATIME mode is higher than Rtime (in minutes)
If Rtimes is lower next ATIME event will be deleted.

RL :label1 :label2 :label3 :labeln
Defines random labels, all RL commands go into one pool
These label may be selected randomly by the RLJ cmd.

RLJ :endlabel
Jump to the with RL predefined labels. If all labels are used the command jumps to endlabel
Only 1 random label list is allowed per script.

Special cmds:

SUM „text“ „lab1,lab2,lab3 ...“ OFFS MAX DIV
Sums the outputs of the labels lab1,lab2 ...
If a label is preceeded by a – sign the scale is inverted and then added.
OFFS is an optional additiv offset to all input values
MAX is maximum scale value (needed or negation)
DIV is a divider. If set to 1 the sum will be generated, if set e.g to the number of scales the average is calculated.
If instead of a label the # sign together with a number generates a constant number.
e.g
SUM „@normavg@“ „#23.4“ 0 0 1
Generates a constant output with the value 23.4

NORM „text“ „lab“ NUM
Reads a norm value form a table with the number converting the value from the @label „lab“

NTAB NUM W1 W2 W2 W4 ...
Defines a norm table with the number NUM
The values W1,W2, ... must be seperated by a space char. There may be no new lines between all the values. For every possible raw value there must be a corresponding norm value W.

END
Ends the query

Building the app

If you want to build the app yourself you must download Xcode 7 on a Mac from the mac appstore. Xcode is a free download. You then in the file->open menu locate the xcode project inside the folder iDialogPad_xc6-oo called “iDialogPad.xcodeproj” and open the project. In the preference menu of xcode setup an account with your apple id and password. If you have a developer id your app will run for one year without renewing the app. (developer id is about 100 dollars per year)
If you only have a free apple id your apps will work for 3 month before needing a new install. For more info you can search the web for “sideloading apps in IOS”. (like here => http://www.howtogeek.com/230225/how-to-sideload-apps-onto-an-iphone-or-ipad-without-jailbreaking/)

Example file: demo.qdf

```
SAN ipod
* sleep during night
SLEEP 22:00-08:00
* activate every 25-35 minutes
TIME  25 10

OPT  64+4+2+1
GOP 128+8

SKIPU :START
* if auto mode, beep
BEEP 8
:START

* input timeout 60 secs
TOUT 60
* print timeout 3 seconds
PTOUT 3

PRINT "This Demo shows only a few examples.\rText is displayed until OK or 3 seconds"

*TEST "@agrid1@&affect grid" 0 20 1 "stressed" "highly activ" "excited" "depressed" "sleepy" "relaxed" "unpleasant" "pleasant"

*TEST "@sam2@sam test" 2 30 3 0 0 0

*TEST "@pic3@Bildwahl" 3 30 1 0 9 0

PSEL 2

SCALE " 1 2 3 4 5" "not" "very"
ASK2 "@Q01@This is a 5 step scale with initial value"

SCALE "-3-2-1 0+1+2+3" "negativ" "positiv"
PSEL 99
ASK2 "@Q02@This is a 7 step scale, OK Button appears after first selection"

SCALE ":not at all:don't know:very much" "" ""
PSEL 99
ASK2 "@Q03@3 step scale with text, OK Button appears after first selection"

PSEL 0
SCALE " 1 2 3 4 5" "0 %" "100 %"
ASKA "@Q04@This is an analog scale with initial value"
```

```
PSEL 99
ASK1 "@Q05#@3 alternatives only 1 selection" 3 "selection 1"
"selection 2" "selection 3"

ASKM "@Q06#@3 alternatives 2 selections" 3 2 "selection 1"
"selection 2" "selection 3"

INPUT "@Q07@you can input free text here"

TIMS "@Q08@Time or number wheel" 0

*HISTO "Q01,Q02,Q03" 5 0 0

PTOUT 1
PRINT "&\r\rThanks"

END

SE
```

File: uploader.php

This file must be installed on the server in auto save mode. A subfolder named upload must exist.

```
<?php
$target = "upload/";
$target = $target . basename( $_FILES['uploaded']['name']) ;
$ok=1;
if(move_uploaded_file($_FILES['uploaded']['tmp_name'], $target))
{
  chmod($target,0604);
  echo "YES";
}
else {
  echo "NO";
}
        ?>
```