

Tcl/Tk Printing Support

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Tcl/Tk Printing Support

AGENDA:

- Introduction
- What is TkToPDF
- This summer plans

Introduction

- Tcl/Tk Printing Support: what it actually means
- What was achieved last summer – TkToPDF
- Capabilities of TkToPDF
- Limitations of TkToPDF

Some examples of TkToPDF work

The image displays two screenshots of a Yahtzee game interface. The left window, titled "Yahtzee", shows five dice with faces showing 6, 1, 2, 3, and 4. Below the dice is a scorecard table with 17 rows. The right window, titled "Xpdf: _test.pdf", shows the same dice and a PDF viewer overlaying the scorecard table. The PDF viewer shows the scorecard table with a "print" button below it. The PDF viewer also shows a "Roll 2" button, a "New Game" button, and a "Quit" button. The PDF viewer also shows a "print" button below the scorecard table. The PDF viewer also shows a "Roll 2" button, a "New Game" button, and a "Quit" button. The PDF viewer also shows a "print" button below the scorecard table.

| Line | Description | Points | Score |
|------|--------------------|---------------------|-------|
| 1 | 1's | Sum of 1's | |
| 2 | 2's | Sum of 2's | |
| 3 | 3's | Sum of 3's | |
| 4 | 4's | Sum of 4's | |
| 5 | 5's | Sum of 5's | |
| 6 | 6's | Sum of 6's | |
| 7 | Subtotal | Add 1's ... 6's | 0 |
| 8 | Bonus if ≥ 63 | 35 points | 0 |
| 9 | 3 of a kind | Sum of dice | |
| 10 | 4 of a kind | Sum of dice | |
| 11 | Full house | 25 points | |
| 12 | Sm. straight | 30 points | |
| 13 | Lg. straight | 40 points | |
| 14 | Yahtzee | 50 points | |
| 15 | Chance | Sum of dice | |
| 16 | Extra Yahtzee's | 100 points per chip | 0 |
| 17 | Grand total | Add lines 7-16 | 0 |

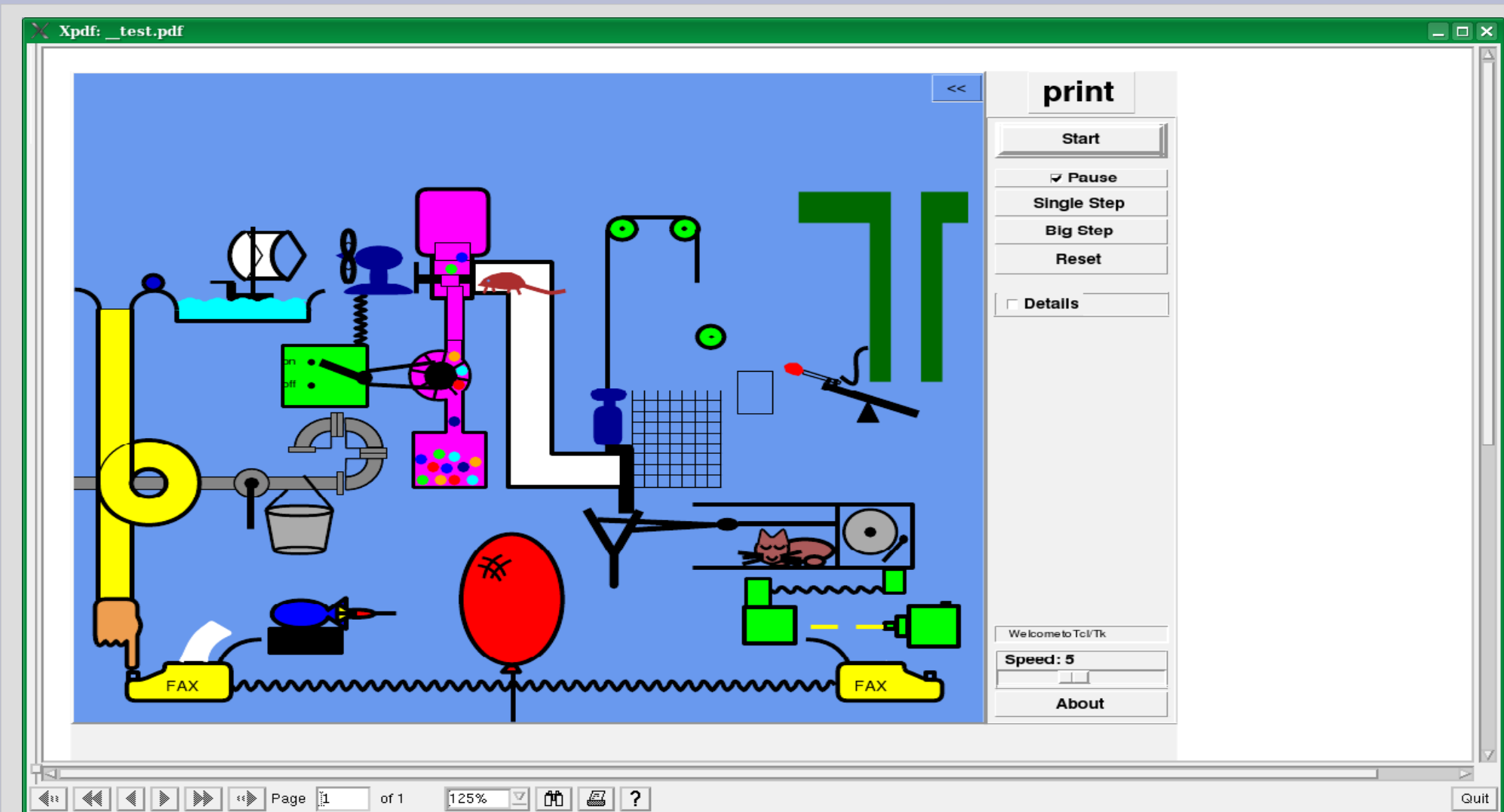
Roll 2 **New Game** **Quit** 0

Select dice to reroll, and press 'Roll!', or select a line of the scorecard.

print

<http://ptw.assembla.com/wiki/show/tktopdf/screens>

Some examples of TkToPDF work



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This summer plans

- Add better font support for TkToPDF
- Add text widget printing support (highest priority)
- Create simple cross-platform printing dialog
- Try to add printing support for Tile

Add better font support for TkToPDF

- Only 14 standard PDF fonts are supported (Arial, Helvetica, Courier, Times, Symbol, ...)
- Many examples in Java/PHP/C++ how to extend this to support TrueType fonts

Add text widget printing support (highest priority)

- Which features are most needed? (I set up a tcl wiki page <http://wiki.tcl.tk/23196>)
- We'll choose most needed features before July

Create simple cross-platform printing dialog

- Purpose: klick 'print' button and get on the printed page what are you see on the screen :)

Try to add printing support for Tile

- Very complex task
- Many problems revealed when preparing my GSoC presentation
- Completion of this step depends on time