June 13, 2016

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Jesper Kjær Nielsen

Arash

Introduction

License

Installation

GNU/Linux

Microsoft Windows

Mac OS X

Required Packages

User Interface

Loading the Theme and Theme Options

Compilation

Modifying the Theme

AAU Waves

Widescreen Support

Feedback

Known Problems

Bugs, Comments and Suggestions

Mathias

Arash

Mikael



Introduction

Arash

The present beamer theme called the AAU Sidebar Beamer Theme is an attempt to

 create a simple and elegant beamer theme which can be used by students and researchers affiliated with Aalborg University (AAU),



Introduction

27

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- create a unique AAU theme which does not resemble any of the standard beamer themes. People should associate this theme with AAU and not with beamer,



Introduction

Installati

GNU/Linux

Mac OS X

User interiac

Theme Options

Compilation

AAU Waves

Ecodback

Known Problems
Bugs, Comments a

Mathias

Aras

Mikae

Evaluation Hvordan evaluerede SkiRaff?

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Introduction

GNU/Linux

Microsoft Window Mac OS X

Jser Interfac

Theme Options
Compilation
Modifying the Theme

Widescreen Su

Known Problems
Bugs, Comments ar
Suggestions

Mathia

Alasi

Mikael

Hvordan evaluerede vi SkiRaff?

27

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- create a unique AAU theme which does not resemble any of the standard beamer themes. People should associate this theme with AAU and not with beamer.
- ▶ keep the amount of clutter to a minimum. Only the important things should be on the slides,
- ▶ retain the powerful customisation tools provided by the template system of the beamer class.



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► The AAU logo is covered by copyright rules. I have used the logo from http://aau.designguides.dk. As long as you use the theme for making presentations in connection with your work at AAU, you are allowed to use the AAU logo.



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- ▶ The rest of the theme is provided under the GNU General Public License v. 3 (GPLv3). This basically means that you can redistribute it and/or modify it under the same license. For more information on the GPL license see http://www.gnu.org/licenses/



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Installation

The theme consists of four files

- beamerthemeAAUsidebar.sty
- beamerinnerthemeAAUsidebar.sty
- beamerouterthemeAAUsidebar.sty
- beamercolorthemeAAUsidebar.sty

The theme can either be installed for local or global use.



Jespei rijær riler

Introduction

Installation

GNU/Linux

Mac OS X

Required Package

User Interfac

Theme Options
Compilation

Modifying the Then AAU Waves

AAU Waves Widescreen Suppo

Feedbac

Known Problems
Bugs, Comments a

Mathia

Mikael

Hvordan evaluere

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- 1. beamerthemeAAUsidebar.sty
- 2. beamerinnerthemeAAUsidebar.sty
- 3. beamerouterthemeAAUsidebar.sty
- 4. beamercolorthemeAAUsidebar.sty

The theme can either be installed for local or global use.

Local Installation

The simplest way of installing the theme is by placing the four theme files in the same folder as your presentation. When you download the theme, the four theme files are located in the local folder.



Introduction

Installation

GNU/Linux

Mac OS X

User Interface

Loading the Theme

Theme Options Compilation

AAU Waves

Feedbac

Known Problems Bugs, Comments a

Mathia

A

Mikae

Evaluation

Hvordan evaluerede vi SkiRaff?

27

Global Installation

- ▶ If you wish to make the theme globally available, you must put the files in your local latex directory tree. The location of the root of the local directory tree depends on the operating system and the latex distribution. On the following slides, you can read the instructions for some common setups.
- When you download the theme, the four theme files are embedded in a directory structure (in the global folder) ready to be copied directly to the root of your local directory tree.
- ► On the following slides, we refer to this directory structure as <dirstruct>. Note that some parts of the directory may already exist if you have installed other packages in your local latex directory tree. If this is the case, you simply merge <dirstruct> with your existing setup.



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27

Ubuntu with TeX Live

1. Place the <dirstruct> in the root of your local latex directory tree. By default it is

~/texmf

If the root does not exist, create it. The symbol ~ refers to your home folder, i.e., /home/<username>

In a terminal run

\$ texhash ~/texmf



Microsoft Windows

27

Windows with MiKTeX

Apparently, MiKTeX does not include a local latex directory tree by default. Therefore, you first have to create it.

- 1. To do this, create a folder <somewhere> named, e.g., texmf
- 2. Add this folder in the Roots tab of the MiKTeX Settings dialog
- 3. Place the <dirstruct> in your newly created local latex directory tree <somewhere>\texmf
- 4. Open the MiKTeX Settings dialog and click Refresh FNDB.



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Windows with TeX I ive

In the advanced TeX Live Installer, you can manually change the default position of the root of the local latex directory tree. However, we assume the default position below.

- 1. Place the <dirstruct> in your local latex directory tree %USERPROFILE%\texmf If it does not exist, create it. In XP %USERPROFILE% is c:\Document and Settings\<username> by default, and in Vista and above it is by default c:\Users\<username>
- 2. Open the TeX Live Manager dialog and select 'Update filename database' under 'Actions'.



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Mac OS X

27

Mac OS X with MacTeX

Place the <dirstruct> in the root of your local latex directory tree. By default it is

~/Library/texmf

If the root does not exist, create it. The symbol ~ refers to your home folder, i.e., /home/<username>



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Required Packages

27

Of course, you have to have the Beamer class installed. In addition, the theme loads two packages

- ▶ Tik7¹
- ▶ calc

These packages are very common and should therefore be included in your latex distribution.

¹By the way, TikZ is an awesome package for creating beautiful graphics. If you do not believe me, then have a look at these online examples or the pgf user manual. If you want to create beautiful plots, you should use the pgfplots package which is based on TikZ.



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Installation

GNU/Linux

Microsoft Wine

Mac OS X

Required Packa

User Interface
Loading the Theme and

Theme Options

Compilation

AAU Waves

Widescreen Suppo

Feedback

Known Problems
Bugs, Comments ar

Mathias

Mikao

Evaluation

Hvordan evaluerede SkiRaff?

The Presentation Theme

It is very simple to load the presentation theme. Just type \usetheme[<options>]{AAUsidebar} which is exactly the same way other beamer presentation themes are loaded. The presentation theme loads the inner, outer and color AAU sidebar theme files and passes the <options> on to these files.

The Inner Theme

You can load the inner theme directly by \useinnertheme{AAUsidebar} and it has no options.

Introduction

Inetallati

GNI I/I inuv

Microsoft Wind

Mac OS X

Required Package

User Interface

Loading the Theme and Theme Options

Modifying the The

AAU Waves

Feedback

Known Problems
Bugs, Comments ar

Mathia

Alasi

Mikae

Evaluation

SkiRaff?

The Outer Theme

You can load the outer theme directly by \useoutertheme[<options>]{AAUsidebar} Currently, the theme options are

- The state of the s
- ▶ hidetitle: Hide the (short) title in the sidebar
- ▶ hideauthor: hide the (short) author in the sidebar
- ▶ hideinstitute: hide the (short) institute in the bottom of the sidebar
- ▶ shownavsym: show the navigation symbols
- ▶ left or right: position of the sidebar (default is right)
- ▶ width=<length>: width of the sidebar (default is 2 cm).
- hideothersubsections: hide all subsections but the subsections in the current section
- ▶ hideallsubsections: hide all subsections

The last four options are inherited from the outer sidebar theme.



Loading the Theme and Theme Options

The Color Theme

You can load the color theme directly by \usecolortheme[<options>]{AAUsidebar} Currently, the only theme option is

- ▶ lightheaderbg: use a light header background (currently, it is white).
- This option creates the light header used on this slide.



License

Installati

Microsoft Wir

Mac OS X

Required Package

User Interfac

Loading the Theme and Theme Options

Compilation

Modifying the Theme

AAU Waves Widescreen Suppor

Feedback

Known Problems
Bugs, Comments a

Mathia

Aracl

Mikao

Evaluation

Hvordan evaluerede vi SkiRaff?

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- ► lightheaderbg: use a light header background (currently, it is white).
- This option creates the light header used on this slide.

The Color Element AAUsidebar

The color theme defines a new beamer color element named AAUsidebar whose foreground and background colors are

- ► fg: light blue ({RGB}{194,193,204})
- ▶ bg: dark blue ({RGB}{33,26,82})

You can use these colors in the standard beamer way by using the command \usebeamercolor[<fg or bg>]{AAUsidebar}. See the beamer manual for instructions.



Introductio

License

Installation

GNU/Linux

Microsoft Wind

Mac OS X

Required Par

User Interfac

Loading the Theme ar

Compilation

Modifying the Theme

AAU Waves Widescreen Suppor

Feedback

Known Problems
Bugs, Comments as

Mathia

Arash

Mikae

Hvordan evaluered

Compiling Your Presentation With the AAU Sidebar Theme

Unlike most other beamer themes, this theme must be compiled at least **three** times to make everything look right. For most other themes, you do not have to compile your presentation more than two times. For the AAU sidebar theme, the third compilation is necessary to determine the position of the circle with the current frame number.



User Interface Modifying the Theme

The AAU Sidebar Reamer Theme

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Modifying the Theme

 The default configuration of fonts, colors, and layout complies with the AAU design guidelines and is the official version of the theme.



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License

Installatio

GNU/Linux Microsoft Windows Mac OS X

Olean Internet

Loading the Theme an Theme Options

Compilation

Modifying the Theme
AAU Waves
Widescreen Support

Feedback

Known Problems
Bugs, Comments an

Mathias

Arack

Mikae

Evaluation

SkiRaff?

➤ The default configuration of fonts, colors, and layout complies with the AAU design guidelines and is the official version of the theme.

However, you can easily modify specific elements of the theme through the template system provided by the beamer class. Please refer to the beamer user manual for instructions.



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License

Installation GNU/Linux

Microsoft Windows
Mac OS X

Loading the Theme and Theme Options

Compilation

Modifying the Theme

AAU Waves Widescreen Support

Feedback

Known Problems
Bugs, Comments as

Mathia

.

Mikael

Hvordan evaluerede vi SkiRaff?

- ► The default configuration of fonts, colors, and layout complies with the AAU design guidelines and is the official version of the theme.
- However, you can easily modify specific elements of the theme through the template system provided by the beamer class. Please refer to the beamer user manual for instructions.
- ► For example, on this slide we have used
 - ► Change the sidebar colors:
 - \setbeamercolor{AAUsidebar}{fg=gray!50,bg=gray} \setbeamercolor{sidebar}{bg=red!20}
 - Change the color of the structural elements: \setbeamercolor{structure}{fg=red}
 - Change the frame title text color and background: \setbeamercolor{frametitle}{use=structure, fg=structure.fg,bg=red!5}
 - Change the background color of the text \setbeamercolor{normal text}{bg=gray!20}

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27

The AAU Waves Background Image

▶ In this documentation, the title page frame and the last frame have the AAU waves as the background image. The AAU waves background image can be added to any single frame by wrapping a frame in the following way

{\aauwavesbg

\begin{frame}[<options>]{Frame Title}{Frame Subtitle}

\end{frame}}

Introductio

License

Installation

GNU/Linux

Mac OS X

Required Pack

Hear Interfac

Loading the Theme ar Theme Options

Modifying the The

AAU Waves

Widescreen Support

Eoodback

Known Problems
Bugs, Comments a

Mathia

A

Mikao

Hvordan evaluerede vi SkiRaff?

27

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{\aauwavesbg

\begin{frame}[<options>]{Frame Title}{Frame
Subtitle}

. . .

\end{frame}}

► Ideally, I would like to create a new frame option called aauwavesbg which can enable the AAU waves background. However, I have not been able to figure out how such an option can be added. If you know how this can be done, please contact me.



Widescreen Support

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Widescreen Support

Newer projectors and almost any modern TV support a widescreen format such as 16:10 or 16:9. Beamer (>= v. 3.10) supports various aspect ratios of the slides. According to section 8.3 on page 77 of the Beamer user guide v. 3.10, you can write

\documentclass[aspectratio=1610]{beamer} to get slides with an aspect ratio of 16:10. You can also use

169, 149, 54, 43 (default), and 32 to get other aspect ratios.

27



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IIIStaliation

GNU/Linux

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User Interface

Theme Options Compilation

Modifying the Ther

AAU Waves

Ecodbook

Known Problems

Bugs, Comments an

Mathia

Arash

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Hvordan evaluerede SkiRaff?

SkiRaff? Alternativer 27 Overlapping footnote You might have problems with a too wide footnote text width. This is problem with older versions of Beamer, and it can be resolved by updating Beamer to a newer version. You can read more about it in this bugreport.

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Introductio

License

GNI I/Linuv

Microsoft Windo

Mac OS X

Required Packar

Llear Interface

Loading the Ther

Compilation

Modifying the Ther

Widescreen Support

Feedback

Known Problem

Bugs, Comments and Suggestions

Mathia

Arash

Mikaol

Evaluation

SkiRaff?

27

Alternativer

➤ There are probably still a lot of bugs in the theme. If you should find one, then please let me know. No bug is too small!



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Bugs. Comments and Suggestions

27

► There are probably still a lot of bugs in the theme. If you should find one, then please let me know. No bug is too small!

► Also, please contact me, if you have some exciting new ideas or just some simple usability improvements.



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Introduction

License

IIIStallation

GNU/Linux

Microsoft Windo

Doguirod Dackage

User Interface

Theme Options

Compilation

A ALL Wayne

Widescreen Support

Feedback

Known Problems
Bugs, Comments and

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede v SkiRaff?

27

Alta-sa-tis-sa-

Mathias

► Mathias 1



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Mathias

Arash

Mikael

27

Mathias

- ► Mathias 1
- ► Mathias 2



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Introduction

License

installation

GNU/Linux

Microsoft Wind

Deguired Beekee

.

Theme Options

Compilation

AALI Waves

Widescreen Su

Known Problems
Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede vi SkiRaff?

ernativer

27

Mathias

- ► Mathias 1
- ► Mathias 2
- Mathias 3



Jesper Kjær Nielsen

Introductio

IIIStaliation

GINU/LINUX

Microsott Windo

Deguired Beekee

Loading the Ther

Compilation

Modifying the The

AAU Waves

Feedback

Known Problems
Bugs, Comments an

Mathias

Arash Mikael

_ . . .

Hvordan evaluerede vi SkiRaff?

License

Mathias

- ► Mathias 1
- ► Mathias 2
- ► Mathias 3
- ► Mathias 4



Jesper Kjær Nielsen

User Interface

Feedback

Mathias

Arash

27

Mikael

Arash

► Arash 1



Jesper Kjær Nielsen

Introductio

License

installation

GNU/Linux

Microsoft Windo

Mac OS X

Required Package

User Interface

Loading the Theme Theme Options

Modifying the Then

AAU Waves

Eoodback

Known Problems Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede SkiRaff?

27

Alta-a-ti---

Arash

- ► Arash 1
- ► Arash 2



Jesper Kjær Nielsen

Introductio

License

Installation

GNU/Linux

Microsoft Windo

.

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User Interface

Theme Options

Compilation

AAU Waves

Known Problems
Bugs, Comments and

Mathias

Arash Mikael

Hvordan evaluerede v

27

SkiRaff?

Arash

- ► Arash 1
- ► Arash 2
- ► Arash 3



Jesper Kjær Nielsen

Mathias

Arash Mikael

27

Arash

- Arash 1
- ► Arash 2
- ► Arash 3
- ► Arash 4



Jesper Kjær Nielsen

Introduction

License

IIIStaliation

GNU/Linux

Microsoft Windo

Mac Oo A

User Interface

Loading the Ther Theme Options

Compilation

A ALL Wayne

Widescreen Suppor

Feedback

Known Problems Bugs, Comments an

Mathias

Arash

Mikael

Hvordan evaluerede

27

SkiRaff?

Mikael

▶ Mikael 1



Jesper Kjær Nielsen

Introduction

License

IIIStaliation

GNU/Linux

Microsoft Windo

Required Package

User Interface

Loading the Theme Theme Options

Compilation

Modifying the Them

AAU Waves

Ecodbook

Known Problems Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede v SkiRaff?

27

SkiRaff?

Mikael

- ► Mikael 1
- ► Mikael 2



Jesper Kjær Nielsen

Introduction

License

IIIStaliation

GNU/Linux

Microsoft Windo

Demind Deduc

Hear Interfac

Loading the Theme Theme Options

Modifying the Then

AAU Waves

Eoodback

Known Problems
Bugs, Comments ar

Mathias

Arash Mikael

_ . . .

Hvordan evaluerede v

SkiRaff?

Mikael

- ▶ Mikael 1
- ► Mikael 2
- ► Mikael 3

27



Jesper Kjær Nielsen

Introduction

License

installation

GNU/Linux

Microsoft Wind

Demined Dealer

Loading the Ther

Compilation

Modifying the The

Widescreen Sunno

Feedback

Known Problems Bugs, Comments ar

Mathias

Arash Mikael

_ . . .

Hvordan evaluerede

27

SkiRaff?

Mikael

- ▶ Mikael 1
- ► Mikael 2
- ► Mikael 3
- ► Mikael 4



Beamer Theme

Jesper Kjær Nielsen

Introductio

Liconeo

ONUM

GNU/LINUX

Microsoft Windo

Mac OS X

Required Package

User Interfa

Theme Options

Compilation

Modifying the Them

AAU Waves

Feedback

Known Problems
Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede vi

SkiRaff?

27

► SkiRaff vs. Manual



Beamer Theme

Jesper Kjær Nielsen

Mathias

Arash

Mikael

Hvordan evaluerede vi SkiRaff?

27

SkiRaff vs. Manual

Metrics: Statements & Runtime



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Arash

Hvordan evaluerede vi SkiRaff?

27

SkiRaff vs. Manual

Metrics: Statements & Runtime

Test plan: Covers all SkiRaff predicates



Reamer Theme

Jesper Kjær Nielsen

Arash

SkiRaff?

27

Hvordan evaluerede vi

Metrics: Statements & Runtime

Test plan: Covers all SkiRaff predicates

ETL program: Enforces no things

SkiRaff vs. Manual



The AAU Sidebar Beamer Theme Jesper Kjær Nielsen

Introducti

License

Installatio

GNU/Linux

Mac OS X

Required Pa

User Interfa

Loading the Theme as Theme Options

Compilation

Modifying the Ther

AAU Waves

Feedbac

Known Problems
Bugs, Comments an

Mathias

Arash

Mikaei

Evaluation

Hvordan evaluerede vi SkiRaff?

27

24

	SkiRaff	Manual
Number of statements	11 stmt	110 stmt
Execution Time	79.52 sec	79.44 sec
Setup		
Execution Time	18.02 sec	18.23 sec
Test Cases		
Execution Time Total	97.52 sec	97.67 sec

Figure: Results of evaluation, with 10000 rows in each table except for CountryDim



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Introductio

License

CNII/Linux

GNU/Linux

Microsoft Winds

Doguirod Package

User Interfac

Theme Options

Modifying the Ther

AAU Waves

Eandbook

Known Problems Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede

25

Alternativer

Statiske

► Lines of code



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Introductio

License

ONUM

GNU/Linux

Microsoft Windo

Mac US X

Required Package

User Interfa

Theme Options

Maraifaire de Th

A ALL Moune

Widescreen Sunno

Feedback

Known Problems Bugs, Comments an

Mathias

Arash

Mikael

Evaluation

25

SkiRaff?

Alternativer

Statiske

- ► Lines of code
- ► Fog index



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Introductio

License

CNULLinus

GNU/Linux

IVIICIOSOIT VVIIIGO

Required Package

la au lutaufa au

Theme Options

Compilation

AALI Waves

Widescreen Supp

Feedback

Known Problems

Bugs, Comments an

Mathias

Arash

Mikael

Hvordan evaluerede

SkiRaff? Alternativer

Statiske

- ▶ Lines of code
- ▶ Fog index
- ▶ Cyclomatic complexity



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Introductio

License

CMI I/I inus

GNU/Linux

Microsoft Winds

Doguirod Dookoo

.

User Interface

Theme Options

Modifying the Ti

ΔΔI I Wayne

Widescreen Suppo

Feedback

Known Problems

Bugs, Comments ar

Suggestions

Mathias

Arash

Mikael

Evaluation

Hvordan evaluerede SkiRaff?

Statiske

- ▶ Lines of code
- ► Fog index
- Cyclomatic complexity

Dynamiske

► Runtime



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Introductio

License

Installation

GNU/Linux

WICTOSOIL WITTOU

Required Package

User Interface

Theme Options Compilation

Modifying the Th

AAU Waves

Enodback

Known Problems Bugs, Comments ar

Mathias

Arash

Mikael

Evaluation Hvordan evaluerede

SkiRaff? Alternativer

Statiske

- ► Lines of code
- ▶ Fog index
- Cyclomatic complexity

Dynamiske

- ► Runtime
- Bug Count



The AAU Sidebar Beamer Theme

Jesper Kjær Nielsen

Introductio

installatio

GNU/LINUX

14. 0001

Required Package

Jser Interfac

Theme Options Compilation

A ALL Mouse

Widescreen Sunno

Feedback

Known Problems
Bugs, Comments an

Mathias

Mikael

Evaluation

Alternativer

Hvordan evaluerede

Udførsel

► Opskriv flere realistiske test planer



The AAU Sidebar Beamer Theme

Jesper Kjær Nielsen

Introductio

License

CNULLinus

GNU/Linux

14 0001

-

User Interface

Theme Options

Modifying the Ther

AAU Waves Widescreen Suppo

Feedback

Known Problems Bugs, Comments an

Mathias

Arash

WIINACI

Hvordan evaluerede v

Hvordan evaluere SkiRaff? Alternativer

Udførsel

- Opskriv flere realistiske test planer
- Få ekspert brugere til at implementere planer med forskellige værktøjer:
 - SkiRaff
 - Manuel
 - QuerySurge
 - AnyDBTest
 - ► Etc.



The AALL Sidebar Reamer Theme

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Alternativer

Udførsel

- Opskriv flere realistiske test planer
- ▶ Få ekspert brugere til at implementere planer med forskellige værktøjer:
 - SkiRaff
 - Manuel
 - QuerySurge
 - AnyDBTest
 - Ftc.
- Fokuser på implementations hastighed og udsagn



The AALL Sidebar Reamer Theme

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Alternativer

Udførsel

- Opskriv flere realistiske test planer
- Få ekspert brugere til at implementere planer med forskellige værktøjer:
 - SkiRaff
 - Manuel
 - QuerySurge
 - AnyDBTest
 - Ftc.
- Fokuser på implementations hastighed og udsagn

Negativer

Praktisk organisering



The AALL Sidehar Reamer Theme

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Alternativer

26

Udførsel

- Opskriv flere realistiske test planer
- Få ekspert brugere til at implementere planer med forskellige værktøjer:
 - SkiRaff
 - Manuel
 - QuerySurge
 - AnyDBTest
 - Ftc.
- Fokuser på implementations hastighed og udsagn

Negativer

- Praktisk organisering
- Kvalitativ data kan også være svær at evaluere



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License

IIIStaliation

Microsoft Winds

Mac OS X

Required Par

Jser Interfac

Loading the Theme an Theme Options

Modifying the Then

Widescreen Suppo

Feedback

Known Problems

Bugs, Comments ar

Suggestions

Mathia

Mikaol

Evaluation

SkiRaff? Alternativer

26

Udførsel

- Opskriv flere realistiske test planer
- Få ekspert brugere til at implementere planer med forskellige værktøjer:
 - SkiRaff
 - Manuel
 - QuerySurge
 - AnyDBTest
 - Etc.
- ► Fokuser på implementations hastighed og udsagn

Negativer

- Praktisk organisering
- Kvalitativ data kan også være svær at evaluere
- ► Store mængder data skal behandles



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Mathias

Arash

Mikael

27

Hvad har vi lavet

► SkiRaff: Et framework til test af pygrametl programmer



Jesper Kjær Nielsen

Introduction

License

CNII/Linux

GNU/Linux

Man OS V

Required Pa

User Interfa

Loading the Theme an Theme Options

Madifying the The

AAU Waves

Eoodback

Known Problems
Bugs, Comments an

Mathias

Arash

Mikael

Hvordan evaluerede

Hvordan evaluerede vi SkiRaff?

Hvad har vi lavet

- SkiRaff: Et framework til test af pygrametl programmer
- ▶ Dækker mange forskellige test cases med predicate klasserne

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Arash

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- Tests behøver færre linjer, men udføres med samme hastighed ift. manuel test



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Perspektiv

Business Intelligence i moderne sammenhæng



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Perspektiv

- Business Intelligence i moderne sammenhæng
- SkiRaff og agil udvikling

Thank you for using this theme!

