My awesome presentation Br. Jožko Mikvička

Thesis approximation prof. Voltamon, PhD.



My awesome presentation

A 15 minute LaTeX Beamer extravaganza

Bc. Jožko Mrkvička





Thesis supervisor: prof. Voldemort, PhD. 06.06.2019



This is some normal text with some items:

- List item one,
- List item two,
- and list item three.

And some more text.

Event or Presentation title

-Classic itemized list

This is some normal text with some items: . List item on. . List item two, and list item thee And some more text.

Chasic ice mized lise

This is a slide note



You can also highlight information in a so-called block

This is a block

Some information worth remembering.

Event or Presentation title

└─Blocks





Beamer does not like code listings very much, so you will need to use the **fragile** modifier. This is an example of some Arduino code:

```
void setup() {
       // Pin D13 out
3
5 void loop() {
       // turn LED on
       // wait 1 s
       // turn LED off
       // wait 1 s
10
```

Event or Presentation title

—Code and fragile frames



This is the content in the first (left) column.

Yet more information.

Chicken, chicken, chicken.

This is the content in the second (right) column.

Yet more information.

Chicken, chicken, chicken.

Event or Presentation title

2019-05-10

-Columns

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Sometimes it is a good first to diskit the forme into two columns. You can each to evidence the informatic forms.

This is the costs of a the first field.

This is the costs of in the second column.

Yet most information.

Yet most information.

Chicke, which, which is,

Part 1

Parts
This is a stand-alone page separating parts. Use it sparingly, only for long presentations or lectures (>30-45 min).

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Part I

This is a stand-alone page separating parts. Use it sparingly, only for long presentations or lectures (> 30-45 min).



2019-05-10

Figures work the same exact way as in any other LATEX document:



This of course includes the subfigure environment.

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Figures

Figures

Find and blades to delign the difference.

2019-05-10

-References



You can not should no information. References as that I be it any other MERCE came as, now how I had been start all, 1919 or I had not all, 1915, Such at al., 1919 att. References as invested at the call of the presentation, as automatically holder up to forms and are not annihold.

- Then you can go on the next portion of the information...
- and the next on

2019-05-10

└─Pauses

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- Then you can go on the next portion of the information...
- and the next on

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└─Pauses

Passes serve to guidadly avoid parts of your farms. This will coate monpages in the PDF left host advancing the farms coasts of these by achievin the desired result.

- Then you can go on the next portion of the information...
- ...and the next one

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└-Pauses

Passes serve to guidally seval parts of your farms. This will create monpages in the PDF juit boat also using the farms counts (there by activity the desired result.



Overlays essentially add more control to pause-like behavior when you want to reveal specific parts of your frame. By using overlay commands such as <1-2, 4, 5->, you can tell exactly when the part shall appear. The numbers in the brackets specify when the item should appear, the hyphen before tells LATEX that it should be there from the beginning, the hyphen after means that it should stay up to the end.

Here is an example. You can reveal this text slowly or use the overlays in any other environment:

- Foo
- Baz
- Qux

Event or Presentation title 2019-05-10

-Overlavs



o Baz

• Q «×



Overlays essentially add more control to pause-like behavior when you want to reveal specific parts of your frame. By using overlay commands such as <1-2, 4, 5->, you can tell exactly when the part shall appear. The numbers in the brackets specify when the item should appear, the hyphen before tells LATEX that it should be there from the beginning, the hyphen after means that it should stay up to the end.

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2019-05-10

Event or Presentation title

-Overlavs



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o Baz



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Here is an example. You can reveal this text slowly or use the overlays in any other environment:

- Foo
- Bar

2019-05-10

Event or Presentation title

-Overlays



O with ye assentially add more control to passed it is behavior when you wan to reveal specific parts of your figure. By using overlay commands such as c1-2,4,5->, you can tall exactly when the part shall appear. The number in the hardets asselfy when the Remahould assess the hyphen before tells blechar it should be them from the beginning, the by then after mean that it about stay as to the end-Here is an example. You can rewall this text slowly or and the ownlays in

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Here is an example. You can reveal this text slowly or use the overlays in any other environment:

- Foo
- Bar
- Baz
- Qux

Tevent or Presentation title

2019-05-10

-Overlavs



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any other environment

- .
- e Bar e Bar e Qax



You can create content and then break it up to several sub-slides by the allowframebreaks modifier. If you want to manually trigger a break, you then use framebreak. If you wish, you can just continue on your text and let LATEX decide when to break your frame to more slides (e.g. pages in the PDF).

Event or Presentation title

2019-05-10

—Framebreaks



LATEX will hold page numbering on the given slide, keep the title and append a roman numeral, as to indicate that the content continues. (It is a nasty little trick to decrease complete frame numbering, but still have the slides you need.)

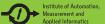


- Use the important command to create text that is important.
 Alternatively you can use the alert command that is valid in Beamer to achieve the same results. The original color for alerts in beamer is red, which would look very ugly here.
- Use the veryimportant command to create text that is very important.

2019-05-10

└─ Highlights





- In many situations it is good to see your own notes for the speech on a second screen. This screen is facing towards the presenter, away from the audience and contains material separate to the main presentation. To use this uncomment the dualscreen command in the preamble.
- You must then consult https://www.scivision.dev/beamer-latex-dual-display-pdf-notes/, where you can find information on how to set up your computer for various operating systems to display notes. The binary executable installers of pympress are found here: https://github.com/Cimbali/pympress/releases/tag/v1.2.0. You can swap screens by pressing the sbutton.
- Notes can be entered using the note command.

Measurement and Event or Presentation title

2019-05-10

-Notes on the second screen

second screen

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What mat the someth https://www.acivision.dew/ beamer-latex-dual-display-pdf-nones/, when you can field information on how to set a you so compute for which so you the youth motodifying when. The line you can the intail for a fopuppease are for at he with the part //github.com/Cimball/pympressy.

. Notes can be entered using the note community

This is a note that will be displayed on the second screen



Combine the above tricks to create visually engaging presentations!

```
void setup() {
       // Pin D13 out
3 }
 void loop() {
       // turn LED on
       // wait 1 s
       // turn LED off
       // wait 1 s
10 }
```

Important information

Very important information

- List item one
- List item two
- List item three



Event or Presentation title

L

└─Be creative!



Prezentácia záverečnej práce (BP/DP) I



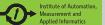
- Dĺžka prezentácie je 15 min ani o minútu dlhšie.
- Počet strán cca. 1-2 na minútu, odporúčané je teda 10-20.
- Premietaná prezentácia slúži pre audienciu nie pre Vás. Spolu s tým čo hovoríte tvorí celok.
- Neprepĺňajte slide informáciami. (Ako napríklad tu.) Je absolútne dovolené mať jednu vetu resp. jednu fotku na slide a potom slovne vysvetliť všetko ostatné.
- Úvodná strana obsahuje názov práce a Vaše meno
- Žiadne úvody o všeobecnej teórii
- Musíte vysvetliť motiváciu. Motiváciu na napísanie BP/DP a motiváciu pre komisiu prečo dávať pozor
- Prezentujte hlavne svoj prínos, vlastnú prácu a vlastné výsledky
- Z prezentácie musí byť jasné čo ste robili vy, čo už ste mali dané, atď.
- Fotografie reálnych výstupov sú vysoko vítané...

Event or Presentation title

Prezentácia záverečnej práce (BP/DP)

- · Ditte anzenticie in II minuri o minita ditte.
- a Polet stille cca. 1-2 na minita, od poričant je teda 11-21
- a Premieta na negonta da alizi ne audienda ele ne Vas. Spola a tém a. Neumalitaite alide informácia mi. IA to mani that tast de a baditan
- dovoleně mať jedna veta mag, jedna fotka na sliže a gotom slovne vysvetliť všet to osta tež.
- · Bood of at a major hair of coverage a Valle meno. Žist ne švoty o všeo tec nej teŭ ii
- · Mante vocetlif motivăcia, Motivăcia na naniagnie BP/DP :
- motivicia par kombila preto dávat pozor
- « Pozentuju di vocavoj prima, vlastni prima adiatni výdetky · Z prezentácie musi byť jasot čo ste rodili vy, čo až ste muli dant, a tď
- Fotografie nálloveh výstanov sá vosoko vítaní...

Prezentácia záverečnej práce (BP/DP) II



- Začínajte s tím prečo ste robili to čo robíte, potom aké boli východiská, ďalej ako ste samotný problém riešili a na záver zhodnoťte dosiahnuté ciele, prípadne dajte ešte krátku víziu čo by sa dalo robiť do budúcnosti (ak tam je potenciál - samozrejme).
- Posledná snímka (slide) Poďakovanie za pozornosť...
- Po poďakovaní čakajte na vyzvanie a potom bude prezentácia pokračovať vopred pripravenými odpoveďami na otázky oponenta. Štýlom Otázka oponenta a pod ňou Vaša odpoveď... Môžete vložiť pár slideov až po poďakovaní kde uvediete otázky oponenta a Vaše odpovede na nich
- Ak máte videá z prezentácie dajte ich na záver svojej prezentácie, môže byť aj ako externý zdroj.

Event or Presentation title

Prezentácia záverečnej práce (BP/DP)

Preze nacia zaveret sei mace (BP/DP) III

- a Začinajte a tim srećo ste rožili to čo rožite, sotom ski žoli výc hodisků, du k jako ste sa mot sý problém dešli a na závet z hod nott donial mattick le, a find medalte este kut ka vizia to by medalo cobif. do had it mosti la k ta m in not encial - su moz ni mel o Posledni snimka (slida) Podlakovanie za pozomost.
- Po zodakovani čakajte na vvzvanie a zotom bule prezentácia pokučovať vopu d pripu w nými od poveda mi su otázky o pomesta. Scolom Ocaz la ozonenia a pod nos Vasa od soved... Mičene vložit pår didnov až po poda kovani kde avediete otázky o pometa a Vaše of rower as sich
- A k máte vídež z zmozentácie dajte jeh na záverovojej zmozentácie mille byť aj ako externý zároj.



Okrem všeobecne platných princípov pre prezentácie BP/DP na minimovú prácu platí aj

- Uvediete podstatný obsah svojej práce a jej výsledky
- v rozsahu najviac 25 min, skôr 20 min.
- Po závere a ešte pred poďakovaním vložíte tézy svojej práce.
- Tézy sú testovateľné vedecké hypotézy nie "zadania"!

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Prezentácia záverečnej práce (Minimová páca)

O kom ošnabacou platných páncipov po poznatície BP/ DP m minimavi.

- páce platí aj

 " Uvediete podatateň obsah svojej páce a jej výsledky
- w v paraha misiar 25 min. sii0: 21 min.
- Po závere a ešte pred podlakovaním oložike tězy svojej páre.
 Tězy ná testovatel st vedeckt hypotézy sie zadania.

Pieze nach zaveret tei mace (Minimova mica)



Okrem všeobecne platných princípov pre prezentácie BP/DP dizertačnú prácu platí aj

- Uvediete podstatný obsah svojej práce a hlavne jej výsledky
- splnenie cieľov zadania
- prínos práce
- používajte odvolávky na vlastnú prácu
- v rozsahu najviac 25 min, skôr 20 min.

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Prezentácia záverečnej práce (Dizertačná páca)

O kom všeobecne alatných princinov na prezentácie BP/ DP dize stačná páca phái aj . Uvefiete podstateý obsah svojej z úce a May m jej výdedky

Preze nach zaveret sei mace (Dize nacha maca)

e v parata mistas 25 min. s 80 : 21 min.

Thank you for your attention!

Please feel free to contact me any time at jmrkvicka@stuba.sk











How did you calculate the mass of the sun?
The sun's mass has been found using Newton's law of gravitation.

Event or Presentation title

How did you calculate the mouse of the see?
The seek mouse has been found using Montania how of good to do c.

2019-05-10

Event or Presentation title

-Reviewer's questions

Blackgith is scattered in all directions by the tiny molecules of air in Earth's atmosphere. Blacks is scattered more than other colors because it travels as storter, smaller waws. This is why we were the sky most of the time.

Why is the sky blue? Blue light is scattered in all directions by the tiny molecules of air in Earth's atmosphere. Blue is scattered more than other colors because it travels as shorter, smaller waves. This is why we see a blue sky most of the time.

Reviewer's questions

How many fire year olds can you realistically take in a fight?
About 11.

How many five year olds can you realistically take in a fight? About 31.

References I





Asato, K., Nagado, T., and Tamaki, S. (2015).

Development of low cost educational material for learning fundamentals of mechatronics.

In 2015 International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS), pages



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Take-home mechatronics control labs: a low-cost personal solution and educational assessment.

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Takács, G., Zometa, P., Findeisen, R., and Rohal-Ilkiv, B. (2016).

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Event or Presentation title

2019-05-10

-References

