



AGENDA

- What
- How

HOW TO DO (WEB) DEVELOPMENT

- You have learned to create a web app ...
 - using a front controller
 - with authentication and authorization
 - connecting to a database
 - ...



Very good background, DO remember !

HOW TO DO (WEB) DEVELOPMENT



- ...but do not work this way any longer
- use **frameworks**

➤ they just might do the job better



use your creativity for stuff that YOU are better at

INTERNET PROGRAMMING

convention over configuration

- Do NOT focus on
 - specific programming languages
 - actual frameworks, tools...
- DO focus on
 - techniques
 - concepts, ...

Dependency management

Validation

ORM

Routing

Security

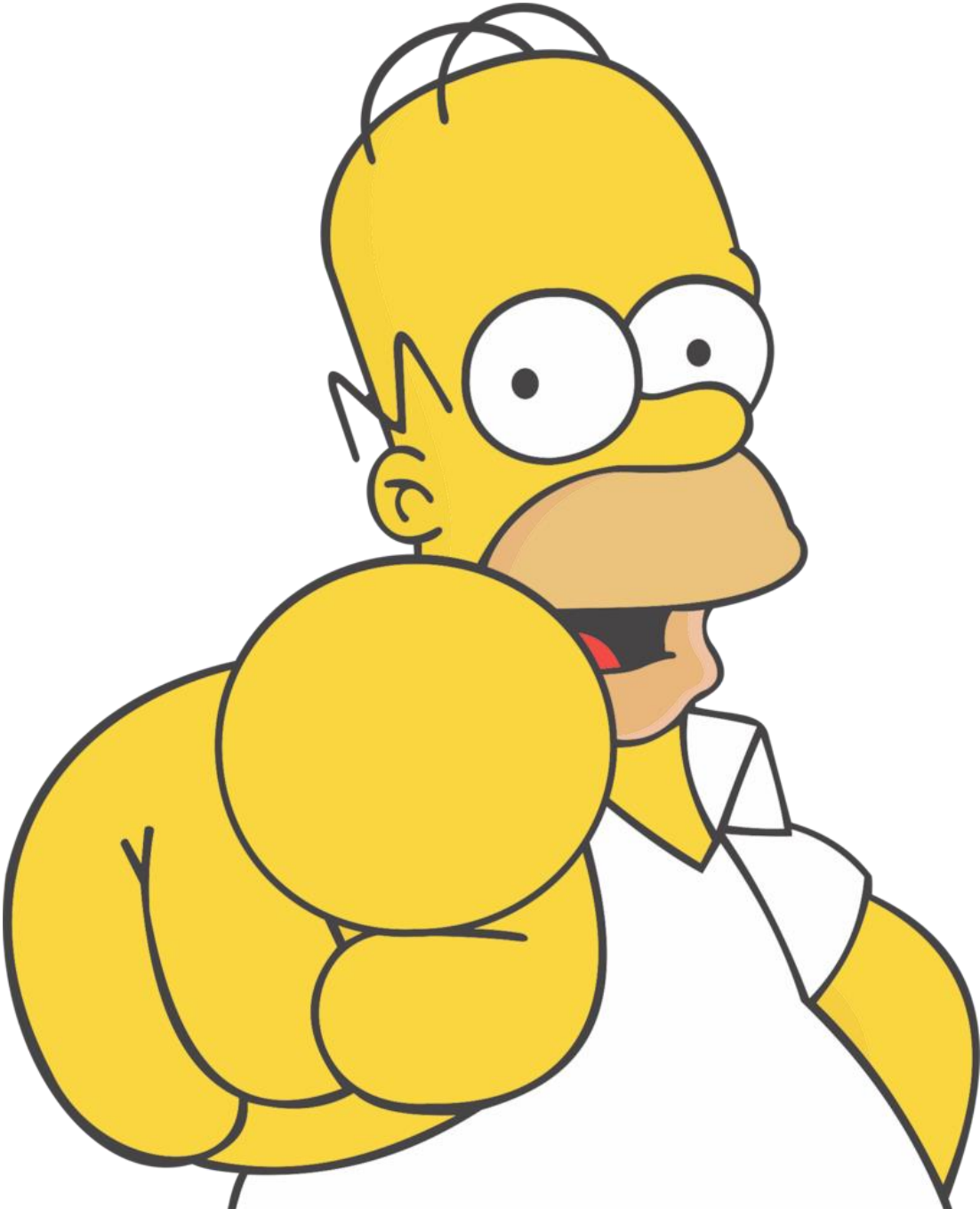
i18n

Continuous integration

Connection Pooling

are supposed to
YOU KNOW :

- Html, CSS, ...
- Servlets & JSP
- Java, OO
- Source control
 - Subversion,
 - Git, ..
- Testing
 - JUnit,
 - Selenium, ...



AGENDA

☒ What

☐ How

PERSONALIZED COURSE CONTENT



SUBJECT

- make your personal application
- individually



CONTENT



- minimal base for everybody
- select your personal topics
 - design?
 - technical?
 - functional?
 - ... ?

EVALUATION FORMS

Functional

Create

Read

Update

Delete

Validation

Relational Database

Selenium tests

Usability

Safety

...

Design

MVC, SOLID, ...

View modulair

Wizard

...

Technical

Spring form tag

Dependency injection

View framework(Tiles, Velocity, Thymeleaf, ...)

Reporting (Excel, pdf, JasperReports, ...)

Integratie andere frameworks (JSF, ...)

Multipart (file upload)

Integratie Facebook, Twitter, ...

No XML

Themes

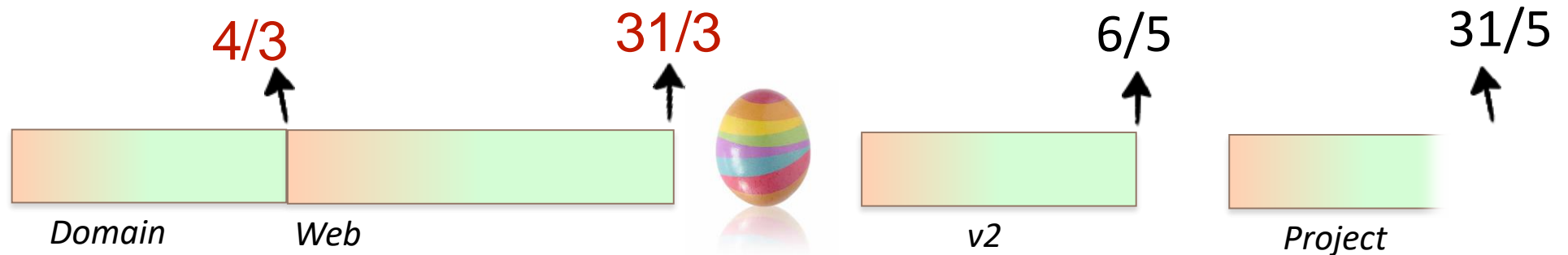
Custom templates



- **bold**: base packet
- plain: inspiration for personal packet

2017-2018: PLANNING

- Deadlines:
 - 2 first deadlines to choose
 - get approved
 - possibility to change up until 3 days before the deadline
- Recommended:





TO DO



PROBLEMS

*“Refer to external help
for problems”*

*“Analyze the available information
in case of problems”*

*“Adopt an attitude that
supports lifelong learning”*



Toledo
Screencasts
Books
Sites

...

DISCUSSION BOARD

- Like Facebook, but here we can help too... :-)
- PE !

Internetprogrammeren minor [MBI39x]

[Home](#) > [Discussion Board](#)

Internetprogrammeren minor [MBI39x]

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[ECTS](#)

Discussion Board

Forums are made up of individual discussion threads that can be organised around a particular subject. Create Forums to organise discussions. [More Help](#)

| Forum | Description | Total Posts | Unread Posts | Total Participants |
|-------------------------------------|--|-------------|--------------|--------------------|
| General | Any questions related to the course(material) itself | 0 | 0 | 0 |
| Technical questions | | 0 | 0 | 0 |

Displaying 1 to 2 of 2 items

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ORGANIZATION

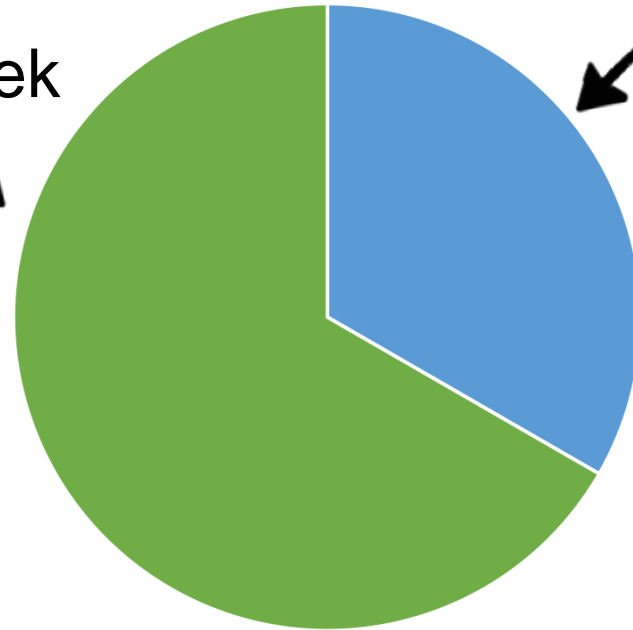
Self study:

- ... hours / week



Contact:

- 2h theory + lab



■ Class ■ Home

EVALUATION

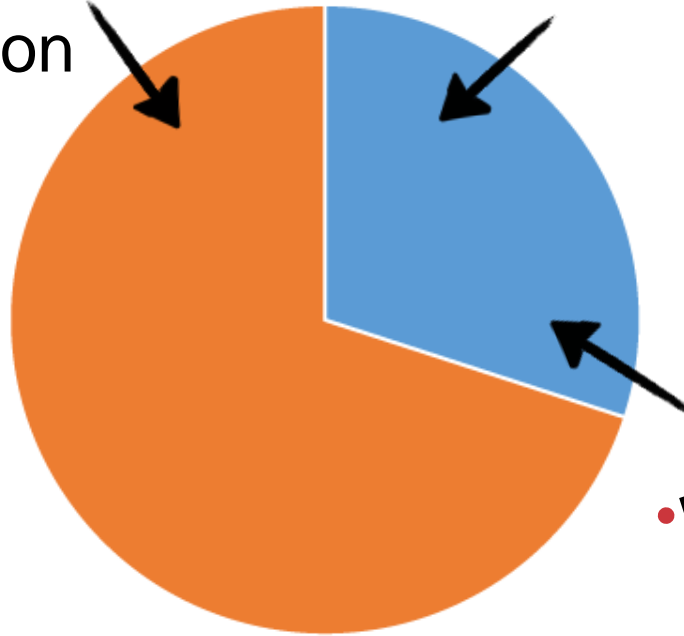
exam in June 2018

- bigger application
- oral presentation
- modifications

PE

- websites
- presentation during class

- personal planning
- solving problems
- acquire knowledge



■ PE ■ Exam

EVALUATION

“Refer to external help
for problems”

—> stackoverflow
—> forum
...

“Adopt an attitude that
supports lifelong learning”
—> extra's
...

“Analyze the available information
in case of problems”

—> debugging
—> logfiles
....

“Write web applications that ...”

“Deploy web
applications...”

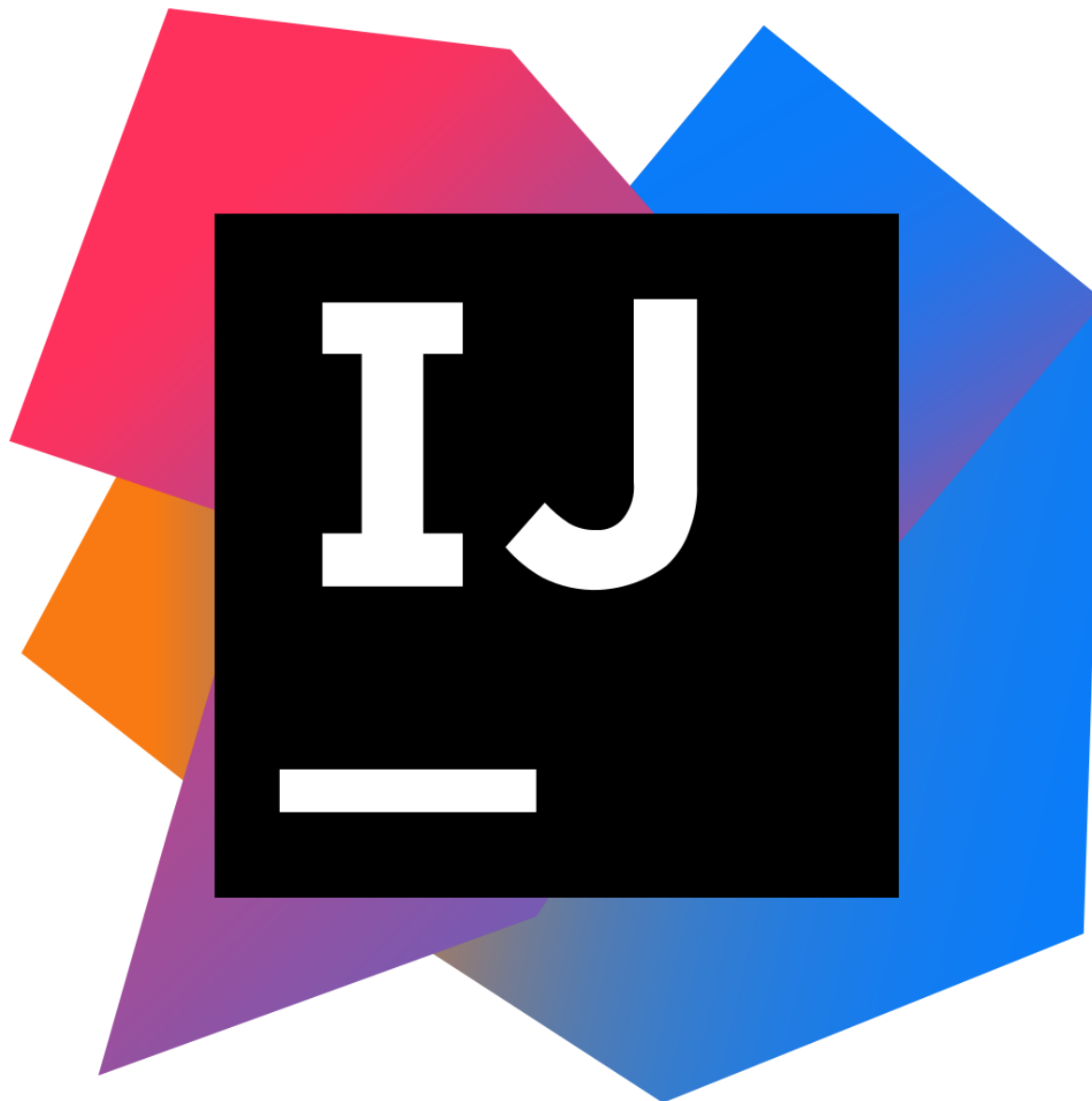


IDE

- NO Eclipse



NetBeans



DON'T FORGET ...



TOLEDO



AGENDA

☒ What

☒ How



PICTURE REFERENCES

- <https://www.mojix.com/rfid-internet-of-things-movement/>
- <http://zachpetschek.com/xvd/buhoxiban/img1772398.jpg>
- http://www.laarhovendesign.nl/resources/made/uploads/home_slides/Laarhoven-design-one-size-slider_1150_382_80_s_c1.jpg
- http://tshirtslowcost.com/loja/compra/ROUPA/ver-tudo/rpa-geek-but-it-works-on-my-machine#.WnV-GYKID_Q
- <https://blog.snap-ci.com/categories/continuous-integration/>
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