



## WP11 eLearning Subtask ELIXIR-SI

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[www.elixir-europe.org](http://www.elixir-europe.org)

# Activities since last meeting in Utrecht

- long time no see



# Activities since last meeting in Utrecht

Trainground approach - everything on one place

- prepare LMS (EeLP) as a single place for information, augmented with external tools and services - level of augmentation/empowerment depends on course needs
  - community tools (including VC)
  - activities and resources (including agenda)
    - internal, based on LMS (EeLP)
    - made with other authoring tools (SCORM compatible!)
    - external tools and services
      - terminal - live demo
      - RStudio - live demo
      - unit tests (Dodona?)
  - feedback survey with report tool



# EeLP - Embedded VM terminal

The screenshot displays a web browser interface for the Elixir Slovenia website. At the top left, the Elixir Slovenia logo is visible next to the language selection 'English (en)'. At the top right, there is a notification bell, a chat icon, and a user profile for 'Brane L. Leskošek'. The main heading is 'Genome assembly and annotation course 4', with a breadcrumb trail: 'Home > Courses > GAAC2018\_4'. Below the heading, there is a grid of logos for Elixir Portugal, Sweden, Norway, Belgium, France, and Slovenia. Navigation and administration buttons are located below the grid. On the right side, there is a sidebar with sections for 'Announcements', 'Introduction', and 'Venue'. The central focus is an embedded terminal window titled 'gaa01@845b5133cd36:~ - Mozilla Firefox'. The terminal shows a successful login for 'gaa01' with the password 'gaa01'. It displays the last login time as 'Tue Sep 18 08:14:28' and provides information about the hosting environment: 'Hosting provided by ELIXIR Slovenia' and 'VM environment developed thanks to MetaCloud (ELIXIR-C2), ELIXIR Portugal and ELIXIR France'. The terminal prompt is currently '[gaa01@GAAtutorial ~]\$'.

# Activities since last meeting in Utrecht - past and ongoing

- Staff Exchange ES-SI - Capacity Building - WP10
  - Enhanced Cloud Computing with Resource Auto-Scaling for Educational Software
  - HPC benchmarking - metrics
  - using EeLP in connection with cloud/HPC
- Hands-on workshop in Marine Metagenomics - NO, Nov 2018
- ELIXIR TtR course: Basic genomics using advanced analysis tools - Dec 2018
- ELIXIR Data Carpentry - Jan 2019
- ELIXIR Software Carpentry - May 2019
- Genome assembly and annotation course 5 - GAA, 6th ...
  - stable, VMs, HPC metrics
- How to make a pathway - open
- used within IS - Beacon, WaaS, CWL, RDInfrastructure
  - How to install and deploy Beacon - open



# Activities since last meeting in Utrecht - past and ongoing

- **licenses** - all future courses are planned to be under the Creative Commons licenses CCo, CC-BY or CC-BY-SA that are conformant with the Open Definition (<http://opendefinition.org/licenses/>).
    - EC for Open access and Open data supports CC-BY 4.0
  - **assessments** with certificates - open badges
  - **AAI** - eduGAIN and ELIXIR AAI
  - **EeLP-TeSS (meta)data exchange**
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- more about this in the Webinar about EeLP:  
<https://www.elixir-europe.org/events/elixir-webinar-elixir-sl-elearning-platform>



## eLearning WG - presented in Utrecht, Oct 2018

- foundation is the current eLearning subtask
  - SI, FI, NL, CH, PT, IL ... FR, SE, ES
- activities in the e-learning ecosystem (EeLP included) become so diversified, development so fast and users' expectations so high that we think that the group of professionals discussing and governing the processes is needed
- there are more and more e-learning activities in the nodes ... by connecting them we could go further
- we don't see eLearning WG as a new activity but more as a continuation of eLearning subtask, reaching beyond EXCELERATE
- we propose to meet soon, together with the next eLearning subtask meeting
  - all nodes/TrC will be invited



# ELIXIR e-learning subtask interest group

- meet every 3rd Thursday, 1-2pm CE(S)T

