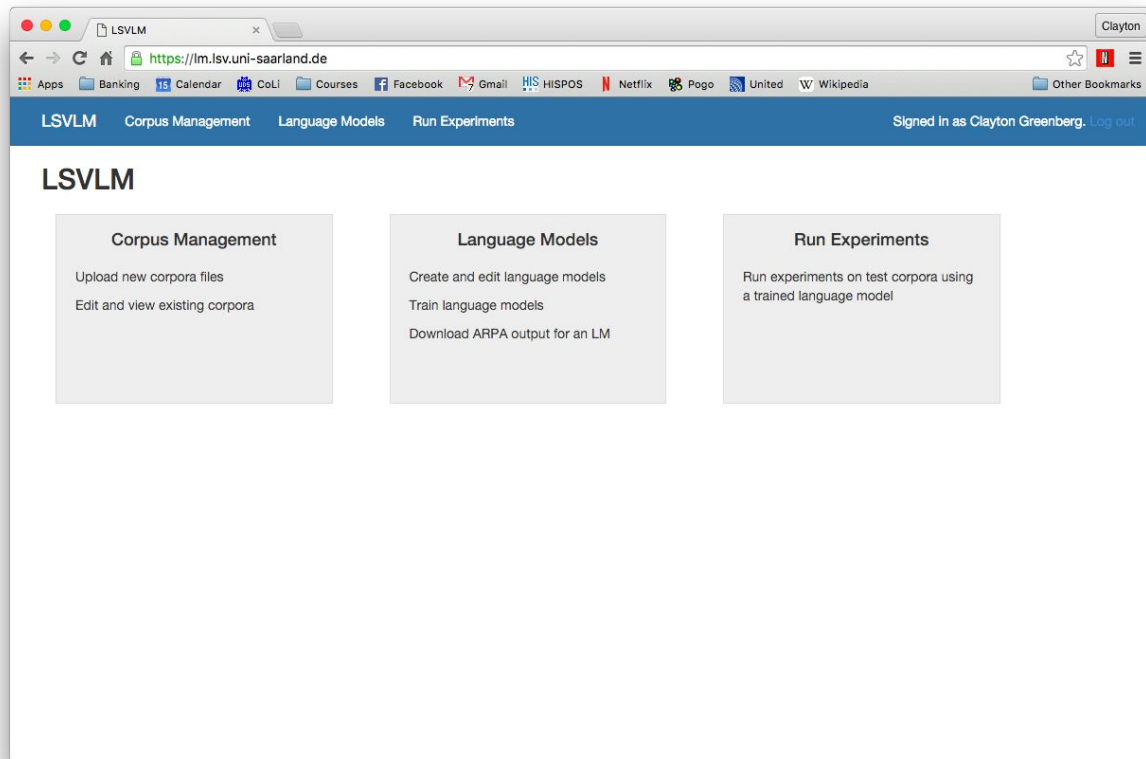


Paper Prototype: Create LM

The researcher logs into the 'LSVLM' GUI website (see Use Case 1).



The researcher selects 'Language Models'.
The system displays the language model index page.

LSVLM Corpus Management Language Models Run Experiments Signed In as Clayton Greenberg Log out

Language Models

Create New Language Model

My Language Models

Show 10 entries Search:

Name	Created By	Created On	Trained On
hamlet1	Clayton Greenberg	2015-12-28	2015-12-28
hamlet2	Clayton Greenberg	2015-12-28	2015-12-28
JaneAusten3	Clayton Greenberg	2016-01-08	2016-01-08
PTB Bigram	Clayton Greenberg	2015-04-13	2015-05-05
PTB Trigram	Clayton Greenberg	2015-04-13	2015-05-05
PTB Unigram	Clayton Greenberg	2015-04-13	2015-05-05
ptb0.9-0.9-0.7	Clayton Greenberg	2015-04-14	2015-05-06

Showing 1 to 7 of 7 entries Previous 1 Next

Other's Language Models

Show 10 entries Search:

The researcher selects the “Create New Language Model” button.
The system displays the LM design page.

The screenshot shows a web browser window with the URL <https://lm.lsv.uni-saarland.de/lm/new/>. The browser's address bar and tabs are visible at the top. The page has a blue header with navigation links: LSVLM, Corpus Management, Language Models, and Run Experiments. A user is signed in as Clayton Greenberg, with a 'Log out' link. The main content area is titled 'Create new Language Model'. It contains a form with three input fields: 'Name' (with placeholder text 'Name'), 'Description', and 'Default Corpus' (a dropdown menu). A blue 'Create LM' button is positioned below the 'Default Corpus' field. At the bottom of the page, there is a 'Main LM' section with a dropdown menu labeled 'Language Model'.

LSVLM Corpus Management Language Models Run Experiments Signed In as Clayton Greenberg Log out

Create new Language Model

Name

Description

Default Corpus

Create LM

Main LM

Language Model

The researcher enters metadata information into the fields of the LM design page.
The researcher sets language model parameters using options that dynamically appear.
The researcher selects the 'Create LM' button.
Exception: If the researcher does not enter a name for the language model - the system displays the error message: "Please fill out this field."

The screenshot shows a web browser window with the URL <https://lm.lsv.uni-saarland.de/lm/new/>. The browser's address bar and tabs are visible. The page has a blue header with the LSVLM logo and navigation links: Corpus Management, Language Models, and Run Experiments. The user is signed in as Clayton Greenberg. The main content area is titled 'Create new Language Model'. It contains a form with three fields: 'Name' (with a red error message 'Please fill out this field.'), 'Description', and 'Default Corpus'. A 'Create LM' button is located below the form. Below the form is a 'Main LM' section with a dropdown menu for 'Language Model'.

Exception: If the researcher does not specify a required model parameter - the system displays the error message: "This field is required."

The screenshot shows the LSVLM web interface. The browser address bar displays <https://lm.lsv.uni-saarland.de/lm/new/>. The user is signed in as Clayton Greenberg. The main navigation bar includes links for LSVLM, Corpus Management, Language Models, and Run Experiments. The 'Language Models' section is active, showing a form to create a new language model. The form has three input fields: 'Name' (containing 'paper prototype'), 'Description' (empty), and 'Default Corpus' (empty). A 'Create LM' button is located below these fields. Below the form is a section for configuring the 'Main LM : N-Gram (Absolute Discounting)'. This section contains several fields: 'Language Model' (set to 'N-Gram (Absolute Discounting)'), 'N' (empty), 'Disc' (empty), 'Backoff LM' (with a '+' button), and 'Corpus' (empty). A red error message 'Please select a corpus.' is displayed at the bottom left of the interface.

LSVLM Corpus Management Language Models Run Experiments Signed In as Clayton Greenberg Log out

Name paper prototype

Description

Default Corpus

Create LM

Main LM : N-Gram (Absolute Discounting)

Language Model N-Gram (Absolute Discounting)

N

Disc

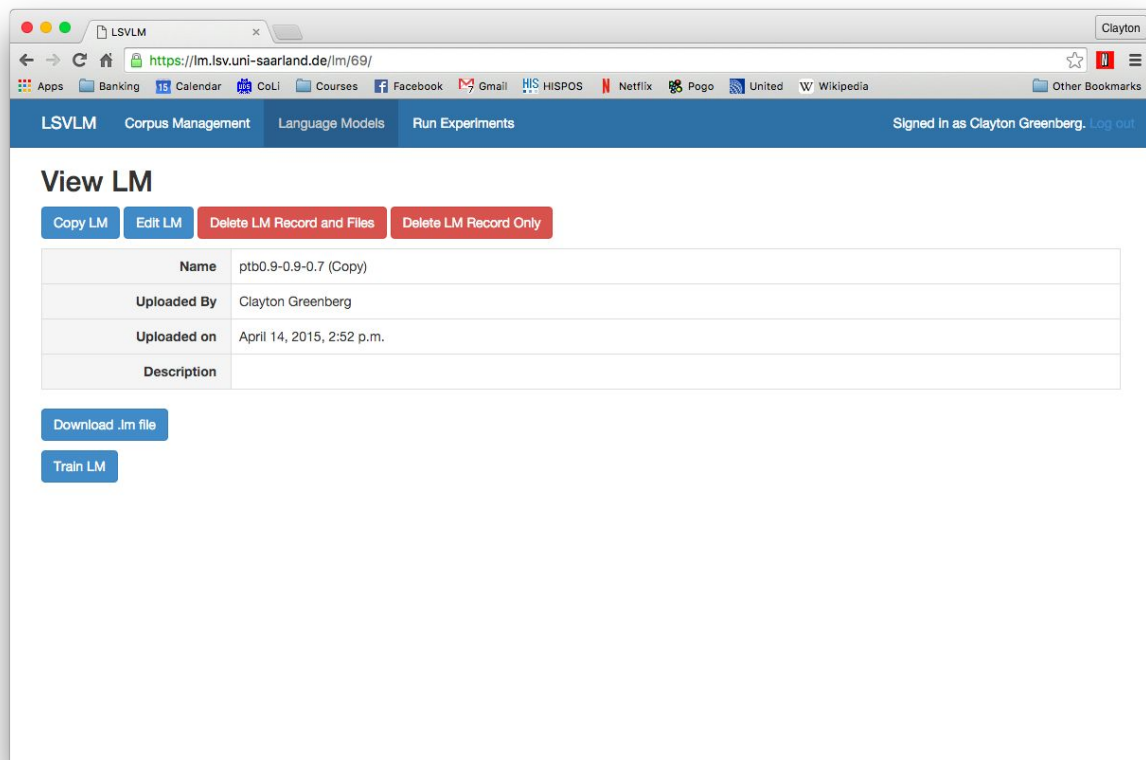
Backoff LM +

Corpus

Please select a corpus.

Exception: If the researcher does not specify any parameters for the language model - the system configures the language model as a Unified Smoothing Trigram. The system will proceed without error.

The system displays the metadata page for the new language model, including a button for downloading the machine-readable configuration file.



The researcher selects the “Train” button (available on the language model index page and the language model metadata page).

The system shows “Training in progress”

LSVLM Corpus Management Language Models Run Experiments Signed in as Clayton Greenberg. [Log out](#)

View LM

Training in progress...

[Copy LM](#) [Edit LM](#) [Delete LM Record and Files](#) [Delete LM Record Only](#)

Name	ptb0.9-0.9-0.7 (Copy)
Uploaded By	Clayton Greenberg
Uploaded on	April 14, 2015, 2:52 p.m.
Description	

[Download .lm file](#)

If training is complete, the metadata page will have a button for downloading the trained language model.

The screenshot shows a web browser window with the URL <https://lm.lsv.uni-saarland.de/lm/32/>. The browser's address bar and tabs are visible at the top. The page has a blue header with navigation links: LSVLM, Corpus Management, Language Models, and Run Experiments. On the right side of the header, it says "Signed In as Clayton Greenberg" with a "Log out" link. Below the header, the main content area is titled "View LM". Under this title, there are four buttons: "Copy LM" (blue), "Edit LM" (blue), "Delete LM Record and Files" (red), and "Delete LM Record Only" (red). Below these buttons is a table with the following data:

Name	ptb0.9-0.9-0.7
Uploaded By	Clayton Greenberg
Uploaded on	April 14, 2015, 2:52 p.m.
Description	

Below the table, there are two blue buttons: "Download .lm file" and "Download .arpa file".