KHangMan

Lets' add a country word list
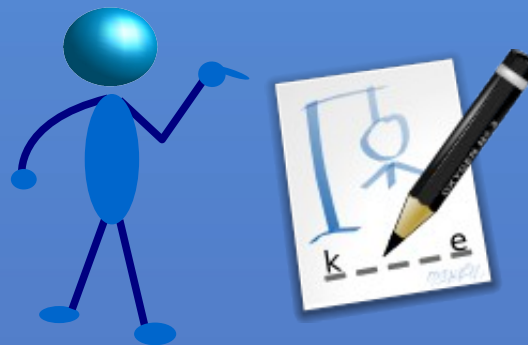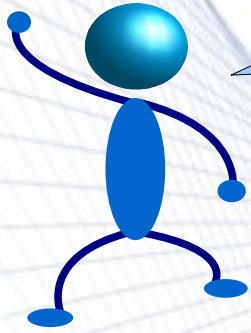
A classroom dialogue

Teacher: Come on! It's your practical class. Lets' play hangman.

Student: But m'am, err!! We have played it so much that we remember everything. Can you please give us a games period. Please!

Teacher: No way! Just play it. This is your mental ability class & I can't let you out.

Teacher (thinks): Guess I can add some more words into it....KHangMan has only few categories.

Day one...

- Create a country word list

KHangman in action

- First thing we actually need, is to create a word list according to our requirements.

- Here, we will start out with a word list of countries. So we will create a sort of table, consisting of the name of the country & its hint as well

- Care should be taken while devising a good hint for each country. Making it too much predictable should be avoided.

Sample word list table

This is just a snapshot of the complete table

Country Name	Hint
India	The land of gods
USA	Its capital is Washington D.C.
Egypt	The great pyramids belong here
Japan	The land of rising sun
Brazil	It was a portugese colony
Mexico	Aztecs civilization

To explain the table, the *Country Name* field simply contains the name of the country and *Hint* field contains a hint corresponding to every country. This hint is basically a helper to identify the country. It should be anything specific to the country. Here, the name of capital can also be used.

References: Wikipedia Country List

Day two...

- Create the .kvtml file

About the .kvtml file

- What is .kvtml file? It is the file that integrates a word list in KHangMan.

- Name of .kvtml file? The name of this file should be "country.kvtml" if the name of the category should be Country.

- The file "country.kvtml" should be placed in home directory of khangman. It is normally placed in, (default: `/usr/share/apps/kvtml/data/<language>/`). Here, since we are working with English, it will be placed in `/usr/share/apps/kvtml/data/en/`.

Finally, we create the .kvtml file

- This is the basic structure of the country.kvtml file:

These divisions correspond to those listed in word list

```xml
<?xml version="1.0"?>
<!DOCTYPE kvtml SYSTEM "kvoctrain.dtd">
<kvtml>
    <e>
        <o>india</o>
        <t>the land of gods</t>
    </e>
    <e>
        <o>japan</o>
        <t>the land of rising sun</t>
    </e>
    .......
    .......
</kvtml>
```

More about divisions in the .kvtml file

The different tags required in the kvtml file are:

- `<e>...</e>` It contains an entire block within itself.
- `<o>...</o>` It contains the actual word on which question will be asked.
- `<t>...</t>` It contains the hint which is required for guessing the word.

Note that, all the words should be nouns. Also the file should be in UTF-8 encoding. If the editor doesn't support it, we should use Kate or KWrite which are known to support this encoding. Also, though here we are creating a new category "Country", but we can easily append an existing category in similar fashion.

References & Extras

- **References**
  - The KHangman Handbook
- **More word lists**
  - English Vocabulary Word-list
  - More word lists
- **Contact**
  - Arindam Ghosh, Author
  - Anne-Marie Mahfouf, KHangMan maintainer