**Quarry Queries**

**First set of queries by author Jmorgan (WMF).**

* **Harry Potter movie articles edit**.

**Source**: Harry Potter movie article edits - Quarry. (n.d.). Retrieved October 18, 2016, from https://quarry.wmflabs.org/query/362

**Introduction:** This particular query shows us total reviews done to each Harry Potter page. The output of the query is arranged according to descending order of reviews and grouped according to the page title.

**Use of this query**: This query gives an estimate of how many people are actively reviewing information on Wikipedia about Harry Potter, also gives an idea about its popularity among people. The descending order of revision tells us how readily information is available on other sources about which selective topics of Harry Potter. Webpages with a higher edits means a particular webpage is more popular than others. It’s quite likely the author of this query wanted some information like this.

**Understanding the query**: As seen in the Wikimedia schema ***rev\_id*** is a primary key for *revision tabl*e. According the query the counts of revision ***( rev\_id)*** is selected from revision table which is named as *revs* and also page titles from revision which is named as *r*. The output of this query is given in form of Harry Potter related webpages arranged in descending order according to the number of revisions done.

* **Monthly edit on The Hobbit movie series**

**Source:** Monthly Hobbit edits - Quarry. (n.d.). Retrieved October 18, 2016, from https://quarry.wmflabs.org/query/371

**Introduction:** This query gives the output of hobbit movie pages edited according to time stamp. The movie pages are arranged in ascending order yearly.

**Use of this query**: This query tells us about total number of edits every month yearly thereby its easy to infer which months were more active in terms of Hobbit’s movie business .Also in which months users are more likely to be active.

**Understanding the query**: In the query the page title is selected and then the year and month is extracted from the date format of ***rev\_timestamp*** (holds time stamp of edit)[1]. ***Page \_id*** (uniquely identifying primary key) [2] and ***page\_title*** (title of the page) [3] is selected from page and then joined to category links as ***cl***. The ***page\_id*** and ***cl\_from*** (Stores the *page.page\_id* of the article where the link was placed.) [4]Columns are basically same. The ***cl\_to*** (stores the name (excluding namespace prefix of the desired category.) [5] stores the hobbit series name. The type page is selected. All the outputs are grouped according to the ascending order of year and month of edit.

**Second set of queries**

* **25 most edited pages in last 30 days in Telegu (one of the many languages used in India) Wikipedia**

**Source:** 25 Most edited pages in last 30 days - Quarry. (n.d.). Retrieved October 18, 2016, from https://quarry.wmflabs.org/query/1549

**Introduction:** This query tells which top 25 pages in Telegu Wikipedia are edited in last 30 days and they are ordered in descending order based on their number of edits.

**Use of this query**: This query is useful in understanding which topics were popular in last month and also its easy to find if these topics are interrelated. The author may have used this query to find about current affairs in last one month.

**Understanding the query**: From the recentchanges table select ***rc\_title*** (The name of the page which is changed, with the namespace stripped. This field stores information in text form.) [6]and count ***num\_edits***(number of edits ) [7] where ***rc\_namespace***(The namespace number of the page that was subject to change.) [8] is 0.The output of ***rc\_title*** is grouped together based on the titles and are ordered by number of edits in descending order. The output is limited to 25.

* **Active users on Odiya (One of the many languages spoken in India) Wikipedia for March 2016**

**Source:** Odia Wikipedia, active users for March 2016 - Quarry. (n.d.). Retrieved October 18, 2016, from https://quarry.wmflabs.org/query/9579

**Introduction:** This query tells us about the active users in Odiya Wikipedia for the month March 2016.

**Use of this query**: This query lets us know which users were highest contributors in terms of number of edits in pages.

**Understanding the query**: From the recentchanges table select ***rc\_title*** (The name of the page which is changed, with the namespace stripped. This field stores information in text form.) [9] and count ***num\_edits***(number of edits ) [10] where ***rc\_namespace***(The namespace number of the page that was subject to change.) [11] is 0.The output of ***rc\_title*** is grouped together based on the titles and are ordered by number of edits in descending order. The output is limited to 25.

In the beginning of the query some variables are initialized like minimum edit threshold (5), number of days in march (30) and the beginning date of march (1st march 2016). ***rev\_user\_text*** *(This field holds the text of the editor's username, or the IP address of the editor)* [12] is selected as user where the sum of ***rev\_id*** *(primary key for each revision)* [13]is not zero from revision table. And also ***rev\_user (****This is equal to the user\_id of the user who made this edit.)* [14] is not equal to 0 and ***rev\_timestamp (****timestamp of edit****)*** [15]is according to the given template as mentioned in the beginning of the query. The output is grouped according to users who have done some changes in the pages of Odiya Wikipedia. The total number of change (*SUM(revisions*)) is at least 5 and at most 101. The second part of the query deals with revision of content pages which have been archived.

**Third set of queries by Andrew Gray**

* **Links to history of parliament on English Wikipedia.**

**Source:** A. G. (n.d.). Links to History of Parliament from enwiki - Quarry. Retrieved October 17, 2016, from <https://quarry.wmflabs.org/query/924>

**Introduction:** This query gives the result in form of page titles and the exact link to the history of parliament on English Wikipedia.

**Use of this query**: The user was trying to find out all the possible page titles with links to history of parliament.

**Understanding the query**: Selecting ***el\_from*** (*The page identifier of the referring wiki page*) [16],***el\_to*** (*The actual URL itself. It is passed to the browser*) [17]from *externallink table* and ***page\_title*** *(title of the web page)* [18], ***page\_namespace***  from page table. The attributes from external table and page table are combined together (Inner Join). The ***page\_id*** and ***el\_from*** attributes are same as they both refer to page identifier where ***el\_to*** is like the URL of history of parliament.

* **Unreasonably large user-talk pages on English Wikipedia.**

**Source:** Unreasonably large user-talk pages on enwiki – Quarry (n.d). Retrieved October 17, 2016, from https://quarry.wmflabs.org/query/1358

**Introduction:** This query tells us about the page titles which have large length and also the date in which they were edited.

**Use of this query**: The user can utilize this query to know which page titles have large length in terms of uncompressed length in bytes of the page’s current source text.

**Understanding the query:** Select the attributes named ***page\_title, page\_namespace*** . ***page\_touched*** *(updates in timestamp whenever the page changes)* [19] and ***page\_len****(Uncompressed length in bytes of the page's current source text.)* [20]from the table page where ***page\_len*** is greater than 250000 and ***page\_namespace*** is equal to 3. The output obtained shows all the page titles with namespace equaling 3 the time stamp they were edited and also the page length.

**[Word Count 1214]**

**References:**

* [1], [12], [13], [14], and [15] ^ manual: revision table. (n.d.). Retrieved October 18, 2016, from https://www.mediawiki.org/wiki/Manual:Revision\_table
* [2], [3], [18], [19], and [20] ^manual: page table. (n.d.). Retrieved October 18, 2016, from <https://www.mediawiki.org/wiki/Manual:Page_table>
* [4], [5] ^manual: categorylinks table. (n.d.). Retrieved October 18, 2016, from https://www.mediawiki.org/wiki/Manual:Categorylinks\_table
* [6], [8], [9], [11] ^Manual: recentchanges table. (n.d.). Retrieved October 18, 2016, from https://www.mediawiki.org/wiki/Manual:Recentchanges\_table
* [16], [17] ^Manual:externallinks table. (n.d.). Retrieved October 18, 2016, from https://www.mediawiki.org/wiki/Manual:Externallinks\_table