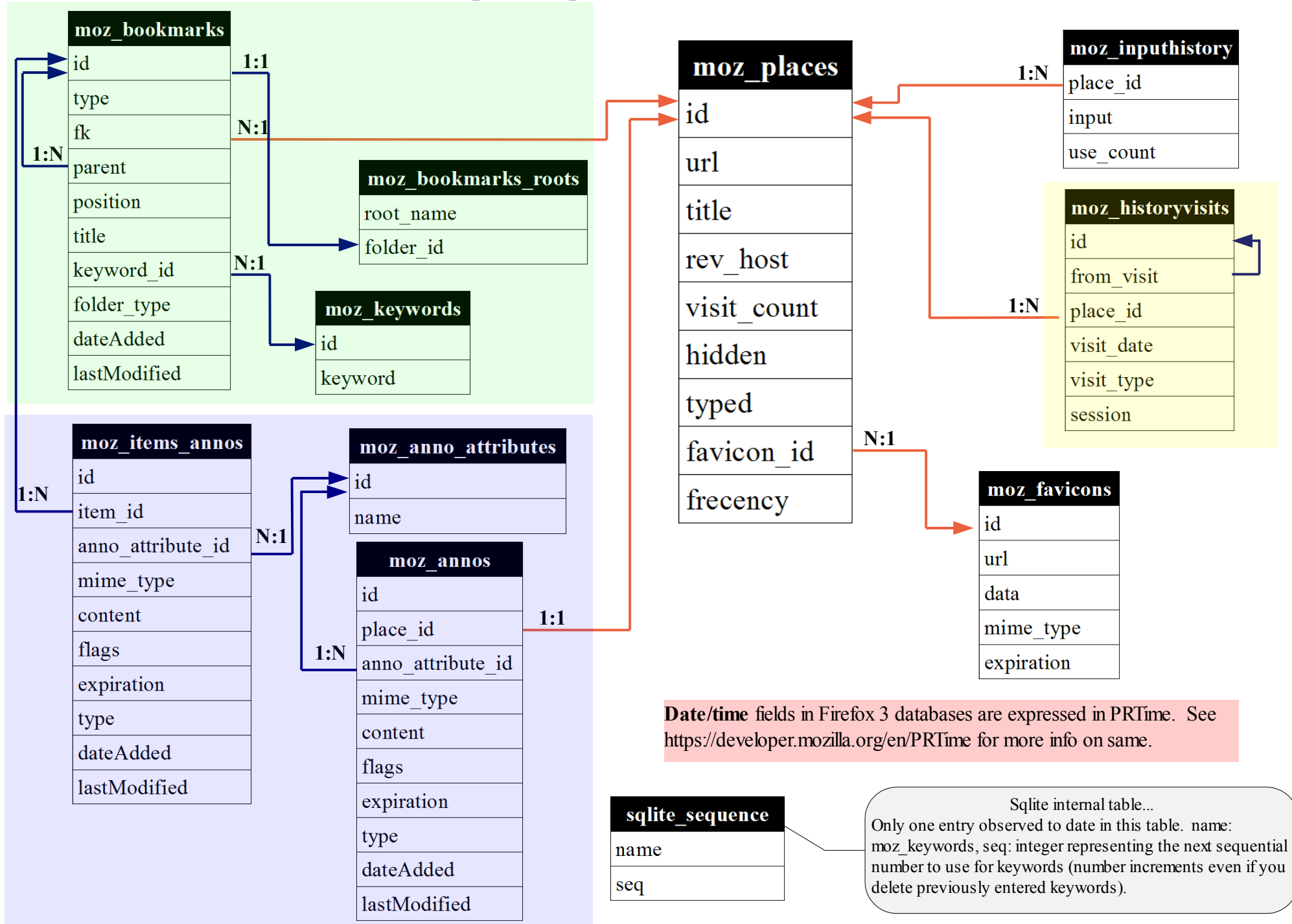


## Firefox 3 – places.sqlite

### Notes

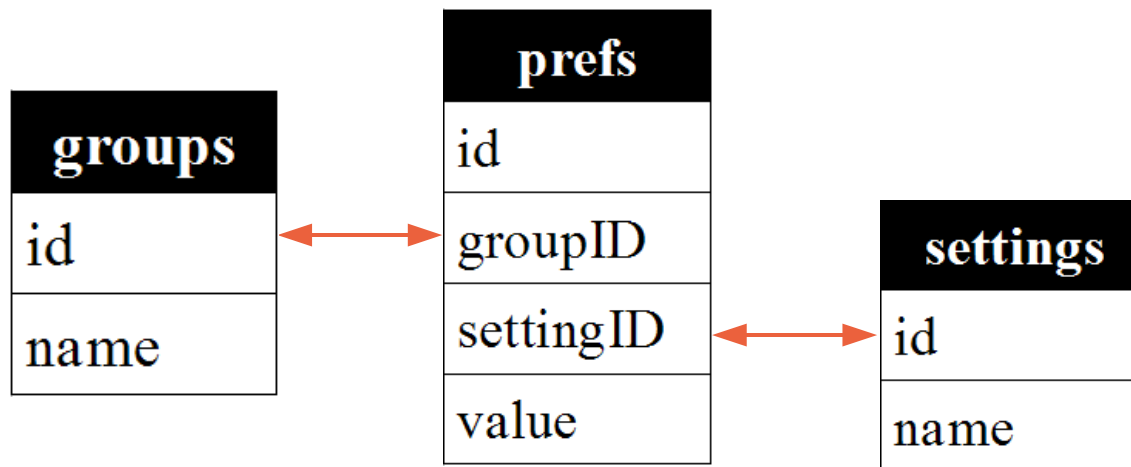
- The relationship between moz\_bookmarks.id and moz\_bookmarks\_roots.folder\_id is correct. Only the root folders within moz\_bookmarks are associated to moz\_bookmarks\_roots. Thus the first five entries in moz\_bookmarks (id #1-5) invariably end up being associated to folder\_id in moz\_bookmarks\_roots. The remaining entries in moz\_bookmarks have no associated record in moz\_bookmarks\_roots.
- A keyword for a bookmark is saved under moz\_keywords.keyword.
- Tags result in two new entries in moz\_bookmarks. The first one is the tag, with parent=4 (tags), and fk=NULL. The second entry follows the first one and has the previous tag as its parent, and fk points to the proper entry in moz\_places.
- If you enter a description for a bookmark, that description is saved under moz\_items\_annos.content.
- The table moz\_inpuhistory is not part of the history as the name might suggest. It is part of the auto-complete function hence why it is not included in the yellow shaded box with moz\_historyvisits.



**Date/time** fields in Firefox 3 databases are expressed in PRTime. See <https://developer.mozilla.org/en/PRTime> for more info on same.

Sqlite internal table...  
Only one entry observed to date in this table. name: moz\_keywords, seq: integer representing the next sequential number to use for keywords (number increments even if you delete previously entered keywords).

## Firefox 3 – content-prefs.sqlite



This database contains preferences specific to a site (i.e. size of text).

- **groups.name** contains the URI of the site for which a site specific preference is set.
- **settings.name** contains the description of the setting.
- **prefs.value** contains the value for the setting in question.

## Firefox 3 – permissions.sqlite

<b>moz_hosts</b>
id
host
type
permission

This database only has one table. It contains permissions for installing of add-ons (type=install), cookies (type=cookie), pop-up blocking (type-popup), and images (type-image).

- popup - 1 = allow
- cookie - 1 = allow  
2 = block  
8 = allow for session only
- install - 1 = allow (do not warn when a site tries to install an add-on)
- image - 1 = allow (load images automatically even if the check box “Load images automatically” is not set {about:config entry - permissions.default.image}  
2 = block (block images for particular sites even if the option is selected to load images automatically)

## Firefox 3 – downloads.sqlite

<b>moz_downloads</b>
id
name
source
target
tempPath
startTime
endTime
state
referrer
entityID
currBytes
maxBytes
contentType
preferredApplication
preferredAction
autoResume

- id – sequential number. Will grab the next available number at the end of the sequence. If there is a gap in the middle from removing a file from the list, that number does not get used. If an entry is removed at the end of the list, that number will be re-used.
- name – name of the file downloaded.
- source – full URI/filename of file's origin.
- target – full path/filename where file was saved.
- tempPath – temporary path where a file gets downloaded when selecting to open it (i.e. A large .pdf file) pending the entire file being fully downloaded (so you'd see .part at the end of the temp file).
- startTime – PRTIME (<https://developer.mozilla.org/en/PRTIME>) when download was started. This time is expressed in UTC time and is obtained from the client's machine that is doing the downloading. If a download is canceled but then re-started from the download dialog window, the startTime will be updated with the re-start time.
- endTime – Much like start time, except it's when the download was completed, paused (if download not completed), or canceled. Where a download is paused, and then later canceled without ever first resuming it, the pause date will be reflected, not the canceled date. A re-started download will change the endTime to the new paused, canceled, or completed download time.
- state – 0 (download in progress), 1 (download complete), 3 (download stopped), 4 (download paused)
- referrer – appears to be the URI that directed the browser to the downloaded file. Some have a NULL value. More testing required to make assertive statements on this field.
- entityID – only observed an entry in this field if a download was in a paused state. More testing required to determine the significance of this field.
- currBytes – current number of bytes downloaded
- maxBytes – logical size of the source file in bytes
- contentType -
- preferredApplication – application that was used to open the downloaded file (typically will be Firefox unless a user selects to open the file instead of save it, and specifies a particular application to use to open it with.
- preferredAction – values noted to date are 0, 2, and 4. More testing required to determine significance.
- autoResume – only value noted for this field was 0 even for a paused download. More testing required.

## Firefox 3 – cookies.sqlite