

Universidad Tecnológica Nacional – Facultad Regional Córdoba
Ingeniería de Software
2° Pecha Kucha

“The Next 6 Months Worth Of Features Are In Facebook's Code Right Now (But We Can't See)”

Grupo N° 5

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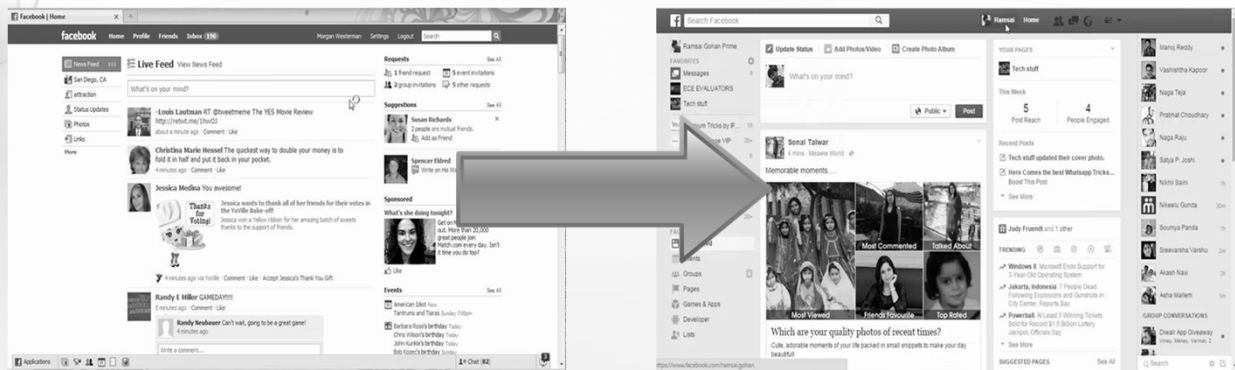
Docentes

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Contenido del paper



¿Cómo se actualiza Facebook?



El cambio: un problema importante



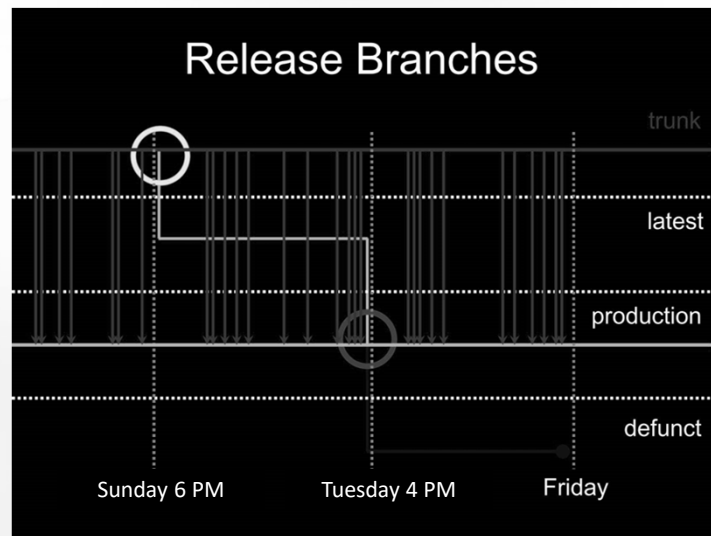
¿Cómo Facebook se adapta a los cambios?



¿Cómo se actualiza Facebook?



¿Cómo se actualiza Facebook?



¿Qué hacer si no se conoce la solución?



Fases de push



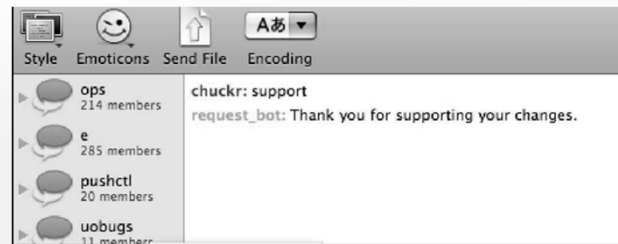
Herramientas utilizadas por Facebook



IRC

```
/msg request_bot support
```

```
/msg request_bot support @user
```



Test Console

Run #3610953

Tags: continuous, distributed, flib, hhvm, hphp, http, php, trunk, www (List runs with these tags) - (View latest run with these tags)

Time: 2012-04-17 01:08 - 01:31 (duration 0h22m)

User/Host: root on unittest008.snc4.facebook.com

Results Summary: 4934 passed, 10 failed, 0 fatal, 24 skipped, 0 timeout of 4968 total

Cit Revision: ebc3d9a1e252c32f0511fda9419aa47490e5fcb

SVN Revision: r542531

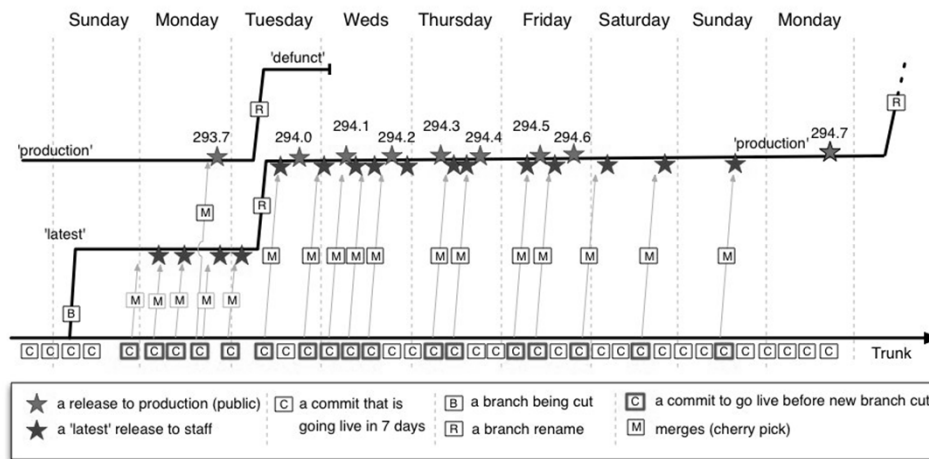
Showing only tests that did not pass Show all the tests

Test Results (See in tasks)

0 test(s) selected. Create New Tasks Bisects to (optional): Task Tags: Submit

| Result | Duration | Tasks | Recent Results | Name |
|------------|----------|----------|----------------|---|
| FAILED (2) | <1s | #1025217 | | __tests__/CouponCanCreateTest.php - CouponCanCreateTest |
| FAILED (1) | <1s | #1022593 | | :TestUtilsTestCase |
| FAILED (1) | <1s | #1027634 | | ppTest.php - IntlTranslationAppTest |
| FAILED (1) | <1s | #1027132 | | __/_MercuryMessagesDataTest.php - MercuryMessagesDataTest |
| FAILED (2) | <1s | #1027649 | | tl/_tests_/EgoTaggingAlbumPlaceTestCase.php - EgoTaggingAlbumPlaceTestCase |
| FAILED (1) | <1s | #1026385 | | ists_/CheckinUpdateLocationHistogramTest.php - CheckinUpdateLocationHistogram |
| FAILED (1) | 0m22s | #1027633 | | Case.php - ShareScrapeTestCase |
| FAILED (1) | <1s | #1027789 | | 1.php - DfsTestUtilsProd |
| FAILED (1) | 0m8s | #998931 | | /PhotoAdminObjectActionTestCase.php - PhotoAdminObjectActionTestCase |
| FAILED (3) | 0m20s | #1019772 | | 1stCase.php - VideoDeleterTestCase |

Shadow Branch



Error Tracking

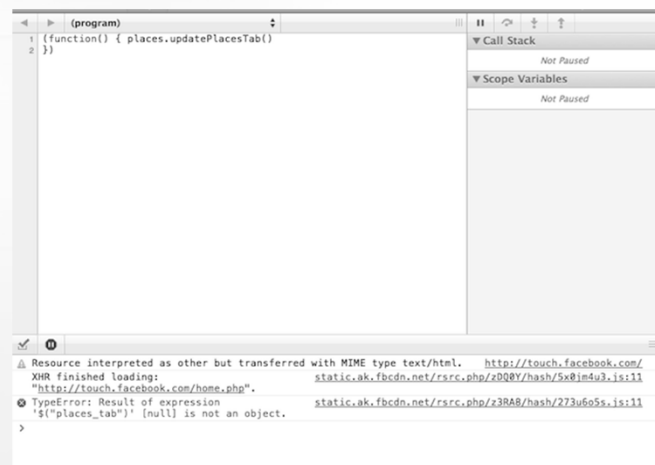


GateKeeper

The screenshot shows the GateKeeper web interface. At the top, there's a header with 'GateKeeper' and a search bar. Below the header, the main content area displays a table with columns 'Rank', 'Move', and 'Group'. A row is visible with 'Rank 1', 'Move', and 'all users (delete)'. A 'New Restraint' dialog box is open, showing a list of restraint types: 'Age - Older', 'Age - Younger', 'Application', 'Browser', 'Code Location', 'Country', 'Datacenter', 'Is Employee', 'Friend Count - Less', 'Friend Count - More', 'Gatekeeper project', 'ID', 'Locale', 'Network', 'OS', 'Remote IP', 'Server IP', 'Server Time - After', and 'Server Time - Before'. The 'Age - Older' option is selected. To the right of the dialog, there are buttons for 'WHITELIST ME' and 'BLACKLIST ME', and a section for 'On' with a value 'vuvtxzdqrp'. Below this, there are fields for 'Alpha', 'Alpha Def.', 'Updated', 'Console', 'Name', 'Description', and 'Needs Flush'.

GateKeeper

TC TechCrunch



Push Karma



Revision: #376026 in trunk
Size: 103 lines, 1 path
Differential: 1 rejection, 0 comments, 1 update (248967)
Release: info.facebook.com/interwiki/index.php/insights/realTime/Data
Author: [redacted]
Message: More Open Graph Insights logging to realtime logging schema V2

Summary:
Translating Open Graph Insights logging to the V2 schema. Notes:
- V2 schema as described at <https://www.internal.facebook.com/interwiki/index.php/insights/realTime/Data>
- log 'f' at the top to only transition the OC stuff to the new schema without affecting non OC stuff.
- took the chance to rename customActionID to customActionTypeID

Test Plan:
Hit the events that log into my sandbox log

Reviewed By: jmaas
Reviewed: jmaas
CC: jmaas
Revert Plan: Revert code

Tags:
- Imp: "PUBLIC" platform impact section -
Supply: #
Differential Revision: 248967

Requester: [redacted]
Requested: Today at 4:03pm
Severity: DAILY PUSH
Comments: Need to get this in production to get real data com
Affects: web
Status: Pending
Supported Until: Not supported
Pusher Comments:

Revision: #376002 in trunk
Size: 1 line, 1 path
Differential: 1 rejection, 0 comments, 2 updates (248411)
Release: info.facebook.com/interwiki/index.php/insights/realTime/Data
Author: [redacted]
Message: Adjust logging for group migrations

Summary:
migrated a group in sandbox, no errors

Reviewed By: jmaas
Reviewed: jmaas, abicome, slynda, abicome, mmoval
Comments: jmaas, slynda
CC: jmaas, abicome, slynda, mmoval
Differential Revision: 248411

Requester: [redacted]
Requested: Today at 7:47pm
Severity: DAILY PUSH
Comments: gated, for testing
Affects: web
Status: Pending
Supported Until: Today at 8:07pm by [redacted]
Pusher Comments:

Revision: #376001 in trunk
Size: 324 lines, 14 paths
Differential: 1 rejection, 0 comments, 5 updates (244128)
Release: info.facebook.com/interwiki/index.php/insights/realTime/Data
Author: [redacted]
Message: Add Category link for Places checkin stories

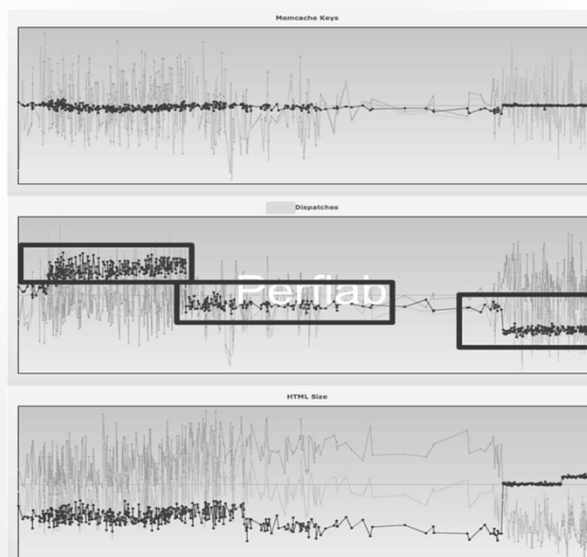
Summary:
This is gated by <https://www.internal.facebook.com/interwiki/insights/realTime/Data>
- prod-stmt_category_feed_category=1
It's still up in the air how/when this will go out, but at least you can see how this feels.

Test Plan:
Tested in sandbox

Reviewed By: bhriller
Reviewed: bhriller, chad, emarion, vya, dachauer, raylene, star, knitter

Requester: [redacted]
Requested: Today at 7:47pm
Severity: DAILY PUSH
Comments: gated, for testing
Affects: web
Status: Pending
Supported Until: Today at 8:07pm by [redacted]
Pusher Comments:

Perflab



HipHop for PHP



CONCLUSIÓN