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The New Facebook Login and Graph API 2.0

by Jeffrey Spehar - April 30, 2014 at 10.40am

Today at f8, we introduced a new Facebook Login experience that gives people more control over the information they share with apps. We also announced a two-year stability guarantee for core products along with a new version of the Graph API to help you build, grow, and monetize your apps.

The new Facebook Login and the announcements below are available to all new apps starting today while existing apps have a full year to upgrade (April 30, 2015).

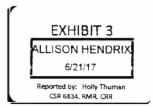
Giving people more control with the new Facebook Login

Facebook Login is a fast and convenient way for people to sign into their favorite apps without having to remember another password. In 2013, we updated Login to clarify when an app is requesting permission to share back to Facebook. This change contributed to a 10% increase in Login conversion rates over the past year.

Today, we're making additional improvements to Login based on people's feedback:

First, people want more control over sharing their personal information with apps. The new Facebook Login lets people edit the info that they provide:





All Blog Posts

We've also introduced a new design for when apps are requesting permission to post back to Facebook. This design highlights the audience that apps will post to:



Second, we've heard from people that they're often surprised when a friend shares their information with an app. So we've updated Facebook Login so that each person decides what information they want to share about themselves, including their friend list.

Third, people tell us that some apps ask for too many permissions. To address this, we're extending our existing App Center and Open Graph review process to Login. During Login Review, we'll look at and approve any permissions that an app requests beyond public profile, e-mail and friend list. Our goal is to help apps follow best practices while still keeping the review process fast and lightweight.



Finally, some people want to log into apps without sharing their Facebook information at all. With Anonymous Login, people can do just that. Apps will still get the benefit of Facebook identity verification and cross-platform sync, and people can easily upgrade to the full Facebook Login experience later on.



We know that you've spent a lot of time building a great app experience, and we are confident these changes will continue to help more people get into your app quickly and easily.

A more stable platform with Versioning and Graph API 2.0

At f8, we also announced API Versioning and a two-year stability guarantee for core products such as Login, Sharing, Requests, SDKs and frequently used Graph API endpoints. This means that if we make any changes to these products, we'll continue to support the previous version for at least two years. Versioning also gives you control over how you upgrade different instances of your app to use the latest platform features.

Important new elements of Graph API 2.0 include:

- App-scoped user IDs: To better protect people's information, we will begin to issue app-scoped
 user IDs instead of original user IDs for people who first login to your app using Graph API 2.0.
 People who have already logged into your app will still retain their original user ID. If you operate
 multiple apps, the Business Mapping API lets you map the same person's ID between them.
- Test Apps: An easy way to create and manage apps for use in testing, development and staging, test apps also serve as a central place to manage people's roles across all of your apps.
- · Social Context API: A simple way to surface a person's friends' activity alongside your content.
- Tagged Places API: An easy way to build experiences using the places where a person has been tagged.
- Tagging and Inviting APIs: New APIs to help you build interfaces for tagging friends in stories
 and inviting friends to use your app.

In addition to the above, we are removing several rarely used API endpoints; visit our changelog for details.

Sign up today for a Facebook Login Workshop near you

Over the next few months, we will host a series of Facebook Login Workshops around the world to help you upgrade your app for these changes. Sign up for a Login workshop today.

Learn more

You can learn more about these announcements by visiting:

- · Facebook app development guide
- · Facebook Platform changelog, versioning and upgrade guide
- · Overview of the new Facebook Login, best practices and Login Review
- · Questions? Sign up for a Login Workshop, submit a support ticket or join our Facebook Developers group



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Sol Italia · Secretary at En Mi Casa

No puedo enviar mails, ni ver mis contactod, me parece una falta de ética que no me den los motivos

Like Reply Sep 5, 2015 2.2/pm



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Like - Reply | Sep 4, 2015 10 49am

Fernando Gonzales Rojas

Por favor enviar información en español

Like - Reply Sep 1, 2015 2:43am



Eric Geynes · Actor at Acting

if you don't provide a way of finding friends who are not part of a list, why don't you allow another application to do so? if we want to give permission, we WANT TO! This is ridiculous

Like Reply - Aug 29 2015 7.40am



Ivonne Velazquez · Pasante de Enfermería at Hospital General Dr. Fornando Quiroz

en español

Like - Reply Aug 26, 2015 9:02am



Joel Kabambe · Clinician at Ministry of Health

This is cool. Lets uwe It and het motiveted

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Jolanda Hart · ///

hay

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Tamu Devis Solteeg · University of Deflui LLIKED MORE THEN I COULD SAY.

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Abdoul Toure Touabotraiteur · Works at Seme-Spint-Denis, le département (Page officielle)

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Facebook Comments Plugin

Developers

Products	SDKs	Tools	Support	News
Facebook Login	IOS SDK	Graph API Explorer	Platform Status	Blog
Shering	Android SDK	Open Graph Debugger	Developers Group	Developer Roadinap
Parse	JavaScript SDK	Object Browser	Marketing Partners	Showcuse
Games	PHP SDK	JavaScript Test Console	Bugs	
Ads for Apps	Unity SDK	Analytics for Apps		

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Developers	My Apps	Products L	Jocs Tools & S	upport News		12.4	Log		
Product Docs		-	ok Platform (21					
Ann Ada									
App Ads Ads for Websites	272	This changelog covers what's changed in Facebook's APIs. These changes include Facebook's server-side APIs, Facebook SDK for JavaScript, dialogs and other services.				Related Topics • Platform Upgrade Guide			
Analytics for Apps	3 6 3					IOS SDK Changelog			
App Events	315		The most recent version of the API is Version			Android SDK Changelog			
		2.4, which was introduced on July 8, 2015.				 Marketing API Changelog 			
App Invites	815	To learn more about versions, please see our overview of how versions work.							
App Links	273	For more info on upgrading, including code samples, please see our expanded upgrade guide.							
Audience Network	211	Versions:							
Games	232	Version	Path	Date Introduced		Available Until			
Internet.org	211	v2.4	/v2.4/{object}	July 8, 2015		At least until July 8, 2017	4 4 4		
Facebook Login		v2.3	/v2.3/{object}	March 25, 2015		July 8, 2017			
Marketing API	# \$ \$	v2.2	/v2.2/{object}	October 30, 2014		March 25, 2017	, , , , , , , , , , , , , , , , , , ,		
		v2.1	/v2.1/{object}	August 7, 2014		October 30, 2016			
		v2.0	/v2.0/{object}	April 30, 2014		August 7, 2016	4		
		v1.0	/{object}	April 21, 2010		Unavailable as of April 30, 2015	,		

July 8th, 2015 - API version 2.4

New Features

Give Fdedback

via CR1 /v).2/(panerna) / menerna value reconstruction. These metrics require the could be called a permission.

New Video Features

The Kidgo node now contains the following fields in the today operations to your 47, studyout 81:

• control topolar energy which supports categorizing a video during video upload, and can be used

- for suggested videos. Content categories include: Business, Comedy, Lifestyle, etc and a full list of categories can be viewed on the <u>Video</u> node docs page.
- uncont ashed content at you will expose 3 new types (Scheduled, Draft, and Ads_Post) which
 will help coordinate how the video is posted.
- contraction and expression_type allows the video expiration time to be set, along with the
 type (hide, delete).
- Find a data to boolean flag is now available to control if 3rd party websites can embed your video.

Accessing Timeline Posts

We've simplified how you access content on a person's Timeline. Instead of handling different object types for statues and links, the API now returns a standardized Post node with attachments which represent the type of content that was shared. For more details view the User reference docs.

For Marketing API

For Marketing API (formerly known as Ads API) v2.4 new features, see Facebook Marketing API Changelog.

Changes from v2.3 to v2.4

Permission related changes

- Operations that reference the uddoco pareation object of a Post in now requires a Page access token.
- POST 7x7.47(page_rd)7of.cxs and DELTE 7x2.47(offcx od) now require a Page access token with manage radge, and pages permissions.
- SLM /th. 1/(proteinal/mainstones, bost /th.4/(milestoph id), and thush /2.4/(milestoph id) now require a Page access token with wanage thugh and thuslash proges permission.

Changes to Pages APIs

- Calls made to the Page node GET 772.4/{page_infl/promotable concests now require a user access token with acres are pagement, permission or a Page access token.
- The grows) heard paper to page object has been renamed to global brand to the ac-
- Chir /v2.37{chobal_krana defeal trage addineright, will now return only insights of
 the default Page insight data, instead of the insights for the Global Brand hierarchy. Use the Root
 Page ID to retrieve the integrated insights of the whole hierarchy.
- Mobil PCOT /v2.47 (pane_ra) /proper ability posts has renamed the field as and not to include include.
- The maximum limit for Page related objects is now set to DECT 100. This will impact the operations made on the tiled, posts, and promotive to page addes.

Post Edit History

The Sale Electrony field of a Post is now available via GEN 767. 47 cost judy.

Event Ordering

The default pagination ordering of $\bigcap_{n \in \mathbb{N}} \{\max_{n \in \mathbb{N}} x \in \mathbb{N}^n \text{ is now begins with the newest event first, and is ordered in reverse chronological order.$

Improved Filtering

Graph API v2.4 now supports filtering of GP / V2.177 user rd, / accounts with new boolean fields:

- is premedable filter results by ones that can be promoted.
- business filter results associated with a Business Manager.
- is place include Place as results filter.

Declarative Fields

To try to improve performance on mobile networks, Nodes and Edges in v2.4 requires that you explicitly

request the field(s) you need for your GET requests. For example, GET 752.47524 no longer includes likes and comments by default, but GET 752.47524 for a Comment of Large will return the data. For more details see the docs on how to request specific fields.

Deprecations in this version

2-year deprecations

- CLM /v1.17 (ng) / Third and on a 7x2.47 natize actions will no longer be available beginning in v2.4. As an alterantive, we suggest using GLM /v1.47 Ed) / (r.cd.)
- Obmit(SEE /v2.4/ bage id)/iff yids grobal board parmit page is being deprecated in this version and replaced by /v2.4/(page id)/iffields guobal board root id.
- natiposo
 /v2.4/(page_id)/global_bt mal_default_back_id/global_br ind_cmildren will no longer function in v2.4. As an alternative, pleasee use the root page ID.
- CDL /V2.5/4paco_26,/premotable police will no longer support the filter and type params in v2.4. For example, a call to CLM /V2.4/(nade_suppremotable ponter) ype station will return an empty result set.
- The Event node no longer supports GLM operations on the endpoints
 /v:.\/{event isl/irv.tcd, /v:.\/{event isl/l.koh, or
 /\(\frac{2.4}{(cvent_iso})\)/sharedrouts.

90-day deprecations (effective Tuesday, October 6, 2015)

- The GWT /s 1.5/(nsor id)/b me, GYD /v2.4/ user id /tolanz, and GWT /v3.5/(secr id)/bottifications operations as well as reid etream, read multed, and conage retifications permissions are deprecated in v2.4.
- the user groups permission has been deprecated. Developers may continue to use the usest _managed_gapaps permission to access the groups a person is the administrator of. This information is still accessed via the /val.474_user_ad}/groups edge which is still available in v2.4.

From October 6, 2015 onwards, in all previous API versions, these endpoints will return empty arrays, the permissions will be ignored if requested in the Login Dialog, and will not be returned in calls to the /x^.x/ma/parasassassassendpoint.

Next Steps

Read Upgrade Guide (v2.4)

March 25th, 2015 - API version 2.3

New Features

- user_posts Permission We have a new permission user_posts that allows an app to access the posts on a person's Timeline. This includes the someone's own posts, posts they are tagged in and posts other people make on their Timeline. Previously, this content was accessible with the make of the permission. The user report permission is automatically granted to anyone who previously had make out mean permission.
- all_mutual_friends Edge This Social context edge enables apps to access the full list of mutual friends between two people who use the app. This includes mutual friends who use the

app, as well as limited information about those who don't.

Both users for whom you're calling this endpoint must have granted the mass freeds permission.

If you calling this endpoint for someone not listed in your app's Roles section you must submit your app for review by Facebook via App Review.

Although this edge is new to Graph API v2.3, to make it easier for you to migrate we also added this edge to v2.0, v2.1, and v2.2.

Debug Mode - Provides extra information about an API call in the response. This can help you
debug possible problems and is now in Graph API Explorer, as well as the iOS and Android
SDKs. For more information see Graph API Debug Mode.

New Pages Features

Real-time Updates - As of March 25, 2015 We now send content in Page real-time
updates (RTUs). Previously, only the object's ID was in the RTU payload. Now we include
content in addition to the ID including: statuses, posts, shares, photos, videos, milestones,
likes and comments. In order for the app to receive these types of updates, you must have
enabled the "Realtime Updates v2.0 Behavior" migration in your app's dashboard.

Page Reviews now support real-time updates. Apps can subscribe to the Paterian property to receive a ping every time a public review is posted on pages the app is subscribed to. In order for the app to receive this type of update, you must have enabled the "Realtime Updates v2.0 Behavior" migration in your app's dashboard.

Page Posts, admin_creator - All Page Posts now include a new admin_creator field
that contains the in and page of the Page Admin that created the post.

This is visible when you use a Page access token, or the user access token of a person who has a role on the Page.

- New Page Fields CET TOP: /vt.3/(rxap-id) now supports fetching and updating
 those fields: emails, food_styles, public _transpl, prorely manager, stiles,
 cultivity team, toptaucant_services, restaurant_opeq attice, and
 start info.
- New Page Settings GEM POSA /VALGE/FRAGE- td / Action as now supports four new settings: REVERS MORIS BY CLUMA, COLMARY BUSTATOLION, ACT OR SIRTEL TOTAL, and EROFACTMY MITTER.

· Videos New Features

- Larger Videos with Resumable Upload We now support larger video sizes uploads up to 1.5GB or 45 minutes long with resumable video upload. See Video Upload with Graph API.
- File URL Parameter At all /v2.3/{object_id}/videos edges you can create a new Video object from the web by providing the 1.10 dr parameter.
- Resumable, Chunked Upload All /va. >/(object index ad /circles edges support resumable, chunked uploads. For more information, see Video Upload with Graph API.
- Video Playlists You can now create and manage video playlists for Pages by using GDT COT COT TOTAL on the /v2.0/(page ma)/v.decotors edge, you can also add

videos to a playlist by PoCT 757, 37(vaccol), et. [1337/2006/s and 5.7] the videos of a playlist.

- Page's Featured Video You can now set and get the featured video of a page using OSL BOST 742.37 (page 34) 7 (page 32) videos politocities.
- Publish Fields All Video nodes objects at /92.07 (% dee ...a) now return the new fields: published, a boolean which indicates if the video is currently published, and scheduled published time.
- Custom Thumbnail You can now upload and manage custom video thumbnails as JPEGs or PNGs with CLT Prof. /v3/3/{sideo call/transcensis. See Graph API Reference, Video Thumbnail.
- Targeting Restrictions POST /VELBY (programmed, Available now suppogrts targeting restrictions by country, locale, age range, gender, zipcode, timezone and excludin locations.
- Delete PROTER AVAIRAGE (Madee in a) removes videos. This is supported if you have edit
 permissions on the video object.
- New Read and Write Fields The Video node now supports retrieving and modifying
 additional fields: hard dated in the and considered to the parameter by.
- Subtitles, Localized Captions GTA FORT / FORT / FORT / GROTL deported now supports supplying and retrieving subtitles and localized captions.
- Visibility of Video With 2007 /v2.3/10.116 Ltd /v2.6065 you can control where the video is seen with negletony and beobletoned pool. In one in welfar a parameters. These parameters target visibility on feeds and page timelines.
- For Marketing API (formerly known as Ads API) v2.3 new features, see Facebook Marketing API Changelog.

Changes from v2.2 to v2.3

- · Page Plugin Is the new name for Like Box Social Plugin and it has a new design.
- · Comments Plugins Has a new design and it now supports Comment Mirroring (private beta).
- Requests are now GameRequests Previously this term and object-type created confusion for non-game app developers, and the intended usage of these objects are to invite others to a game Non-game apps should use App Invites. The //z/s/{mont-tan/arcongrees.s edge is now limited to game apps. See Games, Requests.
- read_custom_friendlists Is the new name for read_friend in the Login permission.
 This is to clarify that the permission grants access to a person's custom friendlists, not the full list of that person's friends.
- · Changes to Page APIs:
 - publish_pages **Permission** This new permission is required to publish as a Page. Previously publish as it remains was required. People who granted a charge to be and publish activates before v2.3 have automatically been granted that it is high publish. If anyone logs in via v2.3, you'll need to request publish is caused explicitly in addition to approximate the publish.

 Page Publish Operations - now accept the type of access token the requests are made with. This includes publishing posts, likes and comments.

When a user access token of a Page admin is in the request such as FGGT Avaluation and Fage. 2d) / food, the action occurs with the voice of the user, instead of the Page. To publish as the Page, you must now use the Page access token.

- Removing Comments on Page posts As a Page admin with DTLDTE 271.37 (comment 1d now requires a Page access token.
- POST /v2.3/{page=xd} Now requires country as sub-parameter if you update the location field without specifying the array of sub-parameter. The state sub-parameter is also required if country sub-parameter is 'United States'.
- Countries The country subfield of the proof of field on a Page post is renamed countries on when you make a transport of the proof of the countries of the
- Page Field Updates TCCT /cf. 3/4th and 10) Now supports complete field updates for; hours, parking, payment_options.

Previously, the update behavior on these fields was to replace a specific key/value pair that was specified as part of the POST, leaving all other keys intact, but the new functionality of a POST on one of these fields will replace all key/value pairs with what is posted.

- Premium Video Metrics Insights for Page Premium Video Posts are now deprecated.

- Consistent Place Data Content objects tagged with a place now share a consistent place data
 structure which contains the ID, name the location of the place. This includes Events, Photos,
 Videos, Statuses and Albums. As a result, the venue and location fields have been removed from
 the Event node. Developers should access the place field instead.

In addition, if someone tags a Photo, Video, Status, or Album at an event, that object will contain an executifield.

- Serialized Empty Arrays All Graph API endpoints now consistently serialize empty arrays as
 () and empty objects as (). Previously, some empty objects were incorrectly serialized as empty
 arrays.
- Default Result Limit All edges will now return 25 results per page by default when the param is not specified.
- Ads API now Marketing API We recently renamed the Facebook Ads API to the Facebook Marketing API. For details on Marketing API changes see the Marketing API v2.3 Changelog.

90-day deprecations (effective Tuesday, June 23, 2015)

• Edges and Permissions - /v2.3/(usor = x1/intersets and /v2.2/(usor_id)/intrvibles edges as well as user_id.prests and user_active; (a permissions are deprecated in v2.3.

From June 23, 2015 onwards, in all previous API versions, these endpoints will return empty arrays, the permissions will be ignored if requested in the Login Dialog, and will not be returned in calls to the /val. Ormerpark descens endpoint.

- Page RSS Feed endpoint at r.t. page//www.thecosek.com/feed-/page/rbp is now deprecated and will stop returning data from June 23, 2015. Developers should call the Graph API's 790.37 page 131/1664 endpoint instead. This returns JSON rather than RSS/XML.
- Social Plugins The following are now deprecated and will no longer render after June 23, 2015:
 - · Facepile Plugin
 - · Recommendations Feed Plugin
 - · Activity Feed Plugin
 - · Like Box Social Plugin

October 30th, 2014 - API version 2.2

New Features

- A new token_for_business field makes it easier to identify the same person across multiple apps owned by the same business: In addition to the Business Mapping API, there is now a new token for business field on the upprobject. This emits a token which is stable for the same person across multiple apps owned by the same business. This will only be emitted if the person has logged into the app. For games developers, this property will also be emitted via the property object passed to a canvas page on load. Note that this is not an ID it cannot be used against the Graph API, but may be stored and used to associate the app-scoped IDs of a person across multiple apps. Also note that if the owning business changes, this token will also change. If you request this field for an app which is not associated with a business, the API call will return an error.
- The comment node has a new object field which emits the parent object on which the comment was made. To get the ID and owner of the comment's parent object (for example, a Page Post) you might call: /vf. 27, connected all female or rect. ed. (1.3), the page Post)
- The Page node has a new edge to manage subscriptions for realtime updates.
 - In previous versions, any app which was added as a Page Tab also received realtime updates. From v2.2 onwards there is a dedicated endpoint for managing these subscriptions;
 - 1977 Av2.174[Sige 12.17] Support the appeareturns the apps subscribed to realtime updates of the Page. This must be called with a Page Access Token.
 - FCGT /v 1.17 { page idit/orders . In G. apper subscribes the calling app to receive

- realtime updates of the Page. This must be called with a Page Access Token and requires the calling person to have at least the Moderator role on the Page.
- of here /vi.2/(pancend) /americ (acd paper) stops the calling app from receiving
 realtime updates of the Page. This may be called with a Page or App Access Token. If
 called with Page Access Token, it requires the calling person to have at least the Moderator
 role on the Page.
- The feed_targeting parameter is now supported when publishing videos to a Page: ROW / 0.17(page 1.0)/rideos7feed targeting (targeting params). This lets you specify a number of parameters (such as age, location or gender) to help target who sees your content in News Feed. This functionality is already supported on 2007 //rideo_id)/ised so we're extending this to videos too.
- The Page node has a number of new writeable fields to let apps update a Page's information: The following fields are now supported with POSTing to 790. (4) page 133.
 - payment of taor's takes an object which lets you specify the payment options accepted at the place.
 - prince pands accepts an enum of strings which represent the self-reported price range of the Page's business.
 - Light and longs lade can now be specified as properties of the Longs on field in order to let apps programmatically update Page's physical location. Both are floats.
 - renore reactive warnings (boolean) determines if the API should throw an error
 when latitude and longitude are specified in location field for updating the Page's location.
 If set to false, an error will be thrown if the specified coordinates don't match with the
 Page's address.
 - to a wave open lets apps set the status of the place to "Always Open". This can only be set to there, and will clear previously specified hours in board field. To set specific hours, use hours field.
 - its published takes a boolean which lets you publish or unpublish the Page.
 Unpublished pages are only visible to people listed with a role on the Page.
- The Page node has a new readable field to let apps read a Page's information: The following field are now supported with a GET to / v* . ?/ page . .a):
 - natio_with loostizer |deedilptor returns a string which provides additional information about the Page's location besides its name.
- There's a new APPEARS IN_RELATED_PAGES setting on /v2.2/{page_id}/scttings. This
 boolean determines if your page can be included in the list of suggested pages which are
 presented when they like a page similar to yours. You may set or read this value.
- You can now read the permissions your app has been approved for via an API. A new edge
 on your App object, called / http://dx.astons, allows you to view the permissions that
 your app has been approved for via Login Review.

Changes

- There's now a limit of 50 IDs which can specified in a single request using the syntax of the synt
- The Flenked edge on the Page node now requires a Page Access Token this endpoint can no longer be called with an App or User token. That endpoint is available at: PPFPDDT [PPTT], 742. PAGE 1517/LDCkcd0access longer (pench lines shoken).
- The page on the Page node now requires a Page token for GETs. POSTs and DELETES on this endpoint already require page tokens. That endpoint is available at: 50° 1000 to 100
- The . 233 edge on the Page node will now throw an error if the caller does not have permission. Previously it would only return an empty string.
- The /{pure re}}/arm is edge on the Page node has been renamed to
 /* .0/(reap reap/solon. In addition, in the response, the values returned in the role field have been changed:

- L'ANACER has been renamed to Agrana.
- CONTANT CREATOR has been renamed to Editor.
- MODERATOR has been renamed to Moderation.
- ALVER" LOUR has been renamed to Adventiser.
- INDITATE 92 ALVS I has been renamed to Finally st.
- The saturage edge on the Page node will no longer include entries for settings where the value field would be null.
- 200T //rame_id./settings will no longer support the setting and value params. Instead, you should specify the entired param which should be an object containing a single key/value pair with the setting enum as the key.
- From v2.2 onwards, apps calling new /v0.2/(page na) /nothif calcions must use a Page Access Token. Previously this required the manyard netaffications permission. User Access Tokens will no longer work for this endpoint.
- The structure of the /%2.2/{grout_id}/albums endpoint has changed to match the response of /{u.or_ina}/albums.
- The number of results returned from the //2.7/...c/fb.c.m.cs endpoint now defaults to 25.

90-day deprecations (effective Wednesday, January 28, 2015)

- The factorial social plugin has been deprecated and will stop working on Jan 28, 2015.
 Developers should instead use the tactor method of the Javascript SDK to retrieve the names of users.
- In versions previous to v2.2, it was possible for an app to see if a person like the app's page by checking the rage for FQL table or the /foscrid/likes/(app page a) Graph API endpoint without needing the race likes permission. Starting in v2.2, the occritics permission will be required to query these endpoints. Also, we will require the user likes permission on versions older than v2.2 starting 90 days from today, on Jan 28, 2015. Facebook will not grant the list reliable permission solely for the purpose of checking if a person has liked an app's page. This change was announced on August 7, 2014 and will come into effect on November 5, 2014.
- The Pages JSON feed (e.g. https://www.facebook.com/feeds/page.php?
 id=%2019292868552&format=json) is now deprecated and will stop returning data from Jan 28,
 2015 onwards. Developers should instead call the feed edge on the Graph API's Page object:
 /v2.1/{pagc_1/6}/1cod.
- FORT /{rage = 6}/caps and DTIME /{page = rd}/taps will no longer support subscribing or unsubscribing an app for realtime updates. This will take effect in all previous API versions on January 28, 2015. To subscribe an app to realtime updates for a page, use the new /vu.2/{page = rg}/support bour apps endpoint.
- The Comments Plugin will no longer support commenting via third-party identifiers after January 28, 2015. This facility was rarely used and the majority of comments posted by these accounts were of low quality. People may still comment using their Facebook account, or may also comments as a Facebook Page.

October 14th, 2014 - Disabled SSL 3.0 Support

On October 14, 2014, we dropped support for SSL 3.0 across Facebook properties, including the Facebook Platform API and the Real-Time Updates API, after a vulnerability in the protocol was revealed on October 14, 2014. This change helps protect people's information.

If your HTTP library forces the use of SSL 3.0 rather than TLS, you will no longer be able to connect to Facebook. Please update your libraries and/or configuration so that TLS is available.

August 7, 2014 - API version 2.1

This is Facebook's first new API update after version 2.0 was launched at the 2014 f8 conference. API versions are supported for two years after the next version is released. This means that:

- Version 2.1 will be available starting today until two years after the release of a post-v2.1 version.
- Version 2.0 will expire on August 7, 2016, two years after the release of v2.1. (Version 2.0 was introduced on April 30, 2014.)
- Version 1.0 will expire as scheduled on April 30, 2015.

New Features

- Pages can mention other Pages when publishing via API: When making calls to several Page
 publishing edges such as /feed or /photos you can now mention other Pages in a message field.
 This extends our current availability of mentions in Open Graph. This API requires review by
 Facebook before it can be used by people other than the app's developers. Learn more about the
 Page Mentions review process in our documentation.
- New total friend count on the friends connection: /v2.1/me/friends (and /v2.0/me/friends) now
 provides access to total friend count this count includes friends who use the app as well as
 those who don't.
- New 'facebook-api-version' HTTP header: In all API versions, we now return an HTTP
 response header called 'facebook-api-version' which indicates which API version your app is
 actually experiencing this may be different to the API version you specify in your request due to
 upgrades.
- New App Insights API: v2.1 includes access to the new App Insights data via an API. This is available by calling /v2.1/{app_id}/app_insights
- A new format for Graph API Field Expansion: v2.1 introduces more concise syntax for Field Expansion. (The new syntax is also been added to v2.0 and earlier). See our documentation on field expansion for examples. The older format for field expansion is still available, but the new format is preferred.
- User-facing error messages: In some cases (such as access token invalidation or expiry) the
 API now returns user-displayable error messages which describe the error and what the person
 may need to do to resolve it. These error messages will be returned in US English by default, but
 if you query the Graph API specifying the locale parameter (e.g. ?locale=es_ES) the string may
 be returned in the specified language.
- The Event object now has five new integer fields: attending_count, declined_count, maybe_count, noreply_count and invited_count: Each of these returns an integer which represents the number of people who have been invited, not replied, are attending, are not attending or whom may attend.
- GET /v2.1/?id={url} returns a new URL node: In v2.1, when you query the Graph API with a URL as the ID, we'll return a URL object which enumerates any share info available for that URL, any Open Graph object associated with that URL, or any AppLinks that use the URL.
- The Page object now has a new screennames edge: this returns a list of the other, non-Facebook accounts associated with the brand or entity represented by a Facebook Page.

Deprecations in this version

- The FQL and REST APIs are no longer available in v2.1: Previously announced with v2.0, apps must migrate to versioned Graph API calls starting with v2.1.
- The '/insights' edge on the Application object is no longer available in this version: This has been replaced by the new '/app_insights' edge.

90-Day Deprecations

The following deprecations will take place on November 5, 2014 - 90 days after the launch of v2.1.

- The Recommendations Bar social plugin has been deprecated: On Wednesday November 5th 2014, the Recommendations Bar will no longer render on any website. If you're using this plugin, we recommend you remove it from your site before this date.
- The /insights edge on the Application object will be removed in both v1.0 and v2.0: The insights API is classified as an Extended API and is subject to change within the life of a version. Developers should instead move to call /v2.1/{app_id}/app_insights before this deprecation takes effect.
- The 'liked' property will no longer be returned in the 'signed_request' object for Page Tab apps created after today. From November 5, 2014 onwards, the 'liked' property will always return 'true' regardless of whether or not the person has liked the page.

Changes

1. API responses are now always JSON objects, rather than booleans, integers or strings: Many API calls before v2.1 returned plain text 'true' or a raw number like '378293782' as the response. With v2.1, those calls will now return valid JSON, such as:

```
{
"syddess": Erwe
}
```

- 2. The dialogs/oauth endpoint no longer support the 'return_session' and 'session_version' parameters for legacy authentication methods.
- 3. /v2.1/me/permissions no longer contains the 'installed' permission: 'installed' was a pseudo-permission that was used to check if someone had your app installed. Instead of looking for 'installed' in the response, you should call the endpoint and, if it returns data, consider this indication that the user has installed the app.
- 4. GET /?id={your_url} for Open Graph object and Shares has been replaced by new URL node: Previously, when you queried the Graph API with a URL as the ID, we returned information related to shares of that URL. If the URL was also an Open Graph object, you would have to specify 'type=og' in your request. Version 2.1 introduces a new URL node which combines and replaces this functionality.
- Iv2.1/{post-id} will now return all photos attached to the post: In previous versions of the API
 only the first photo was returned with a post. This removes the need to use FQL to get all a
 post's photos.
- 6. 'uri' can no longer be requested from picture fields: Apps previously requesting or a should instead use and a

Changes to Platform Policies

- Games which include mandatory or optional in-app charges must now disclose this in their app's
 description, either on Facebook or other platforms it supports. This is to give people a clear
 indication that your game may charge people during gameplay.
- You must not incentivize people to use social plugins or to like a Page. This includes offering
 rewards, or gating apps or app content based on whether or not a person has liked a Page. It
 remains acceptable to incentivize people to login to your app, checkin at a place or enter a
 promotion on your app's Page. To ensure quality connections and help businesses reach the
 people who matter to them, we want people to like Pages because they want to connect and

hear from the business, not because of artificial incentives. We believe this update will benefit people and advertisers alike.

These policy changes will come into effect on November 5, 2014 - 90 days after the launch of v2.1. They apply to all apps across all API versions.

April 30th, 2014 - API Version v2.0

Graph API v2.0 was introduced at the 2014 Facebook Developer Conference (f8). This changelog entry covers a large number of products and services, broken out by topic. This is the first release of Facebook's API that is versioned.

As the oldest active version of the API, unversioned calls to the Graph API will be made against this version.

Facebook Login

Version 2.0 includes a new version of Facebook Login. It has a new design that gives people more control about the info they share with your app:

- Permissions are now optional to people using your app: People using your app can now
 choose whether or not to give you the info that you request. The login dialog offers the ability to
 decline any of the permissions your app requests.
- Friend list is no longer part of the default permission set and has its own permission:

 Asking for access to a person's friend list is now a separate permission that your app must request. The new permission is called near fixed set.
- Friend list now only returns friends who also use your app: The list of friends returned via the /ms//r riends endpoint is now limited to the list of friends that have authorized your app.
- The default permission set called "basic info" has been removed, and replaced by "public profile": The old default permission, called basic_rpfo has been replaced by profile because the profile does not include a person's friends. Specifying it as part of the initial login request is still required on iOS and Android.
- We will review how apps use Facebook Login: Apps requesting more than rebrice from a permission must be reviewed by Facebook before those permissions can be requested from people. Active apps created before April 30th, 2014 have one year before they are required to go through login review, including updates to existing apps. Facebook apps created after April 30th, 2014 must go through review.

Anonymous Login (Beta)

Anonymous Login is a new product from Facebook that lets people log into your app without sharing any personal information. To learn more and apply for early access, please see our Anonymous Login product page.

Audience Network

We now provide a widget for iOS and Android that you can use to deliver high-quality, relevant ads to people using your app.

Message Dialog

Let the people using your app easily share things with their friends via private messages in Facebook Messenger, without requiring Facebook Login. The message dialog is available on iOS and Android.

App Links

App Links is an open, cross platform solution for app to app linking. App Links provides all the tools you need to expose deep links in your app or to have your app link out to others in the ecosystem.

Learn more about app links at applinks.org and how to integrate them into your app with our iOS and Android documentation.

Like Button for Mobile

We're introducing a new Like button for mobile apps, available in bota on iOS. The Like Button is the fastest way to share stories with your friends.

New PHP SDK for Facebook

We've created an all-new version of our PHP SDK that's been completely rebuilt and takes advantage of the language features of PHP 5.4 and above.

API Versions

The Graph API now supports versioning. APIs defined as Core will be supported for at least two years. Core APIs include features such as Facebook Login, the Like button, many endpoints on the Graph API, and our iOS and Android SDKs.

Parts of the API that aren't marked as Core APIs may may still use migrations to modify their behaviour within a give API version. Please see our document on versions and our upgrade guide for more information.

JavaScript SDK

 New path: In order to support Graph API versioning and the new Facebook Login, the JS SDK must be loaded from a new path. The old location was

```
Title: //common...com/wor.ind/com/com/los/alltips and the new location is https://www.nac.inda.neonN.pht/pr. US/sell.ind.
```

- FB.init() now supports versions: FB.3 http://takes.a new parameter: versions that
 indicates what version of the API you would like to use (such as "v3.0")
- Many parameters to FB.init() now default to false. In particular, the et all conflag.

Graph API

Changes from v1.0 to v2.0

- App-scoped User IDs: To better protect people's information, when people log into your app, Facebook will now issue an app-scoped ID rather than that person's orginal ID. However, for users that have previously logged into your app, the user ID will not change.
- App Friends: The /he/first ada endpoint no longer includes the full list of a person's friends.
 Instead, it now returns the list of that person's friends who are also using your app.
- All requests to Graph API v2.0 require an access token, except for African access token, except for African access.

• The format of the / e/permissions endpoint has changed. It now includes a list of permissions and a status field denoting if they were granted or declined.

New features available in v2.0

- Taggable Friends API: We've added a new endpoint called /r e/t aggable_friends that you can use in order to generate stories that have friends tagged in them, even those friends don't use your app. If you want to use the taggable friends API, your app will require review.
- Invitable Friends API: We've added a new endpoint called /sc/invitable friends that you can use to generate a list of friends for someone to invite to your game through a custom interface. This API is only available to apps that are games on Facebook Canvas.
- Social Context API: We've added a new endpoint to objects and apps that allow you to display a person's friend's actions on an object. For example, you might be able to answer the question "Which of my friends have watched this movie?" by looking at the / theorem = 1/2 fields current endpoint. Or you could answer the question "Which of my friends play this game?" by looking at the / the chappered of reliefs context endpoint. The game app example is particularly useful for games that want to do cross-game promotions.
- Business Mapping API: With this release, a number of apps can be owned by a single businesses. Along with the move to emit app-scoped user IDs, we're introducing a new endpoint called /rediscrete business that allows you to correlate a user's IDs across multiple apps associated with the same Business as defined within Business Manager.
- Tagged Places API: We're adding a new endpoint called /me/tagged places that lets you access all the Places a person has been tagged at in photos, videos, statuses and links. There is a new permission associated with this endpoint: went tagged places.

Endpoints no longer available in v2.0

- /me/ locations has been removed. Please use /me/targed places instead.
- /mo/cheditins has been removed, along with the user lane akkins permission.
- /mc/questions has been removed, along with the been questions permission. This also includes // wage ind)/questions, /(droum in)/questions, /(question in) and //question ortion ind.
- /mc/sabsorabors and /mc/sabsorabodt a have been removed.
- /no/asorpage is no longer available.
- Implications is no longer available, along with the uson unces permission.
- / spage i alt/notes is no longer available.
- /(p.tre=ra)/ques rens is no longer available.
- Public Post search is no longer available. (/search?lyke kost&q foobar)
- News Feed search is no longer available (/we/hometq_fooper)
- Start Now is no longer available in v2.0.

Permissions

Changes from v1.0 to v2.0

- In Graph API v2.0, access to Arc/11 force is no longer part of the default (right or rep11) permissions. We now require you to ask for the new permission aper traces. With this permission, Access to reprint now returns the person's friends who are also using the app.
- Apps using Facebook Login that require more than public protein (default), and some traceas will require review by Facebook in order to request these permissions from people.
- The permission was an employed no longer allows you to read the list of friends in a friendlist, but only lets you access the name of the list. This is useful for people building custom audience selectors when posting stories.
- The permissions at the /mo/portal percent endpoint now indicate if the permissions were granted or declined in the Facebook Login dialog.

New permissions in v2.0

We've added the new papt of produce permission to replace page of anto as the default.

**Product contains much of the same information as barregarded did, but without the person's friends listed.

- As mentioned above, the user_transds permission is new in v2.0. It gives you access to the zerotation has endpoint, which lists the person's friends who also use your app.
- We've added a new permission called mean tagged places. This gives you access to a new
 endpoint, /ne/tagged places, which replaces the deprecated ason court acceptance.

Permissions no longer available in v2.0

- pante info is no longer available.
- · create opent is no longer available.
- menage intendities is no longer available.
- coast recuest a is no longer available.
- usor encorars is no longer available
- a. (1) no exist no longer available.
- .ser jobling prisonoc is no longer available.
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- Lise: Subsemptions is no longer available.
- http://orito.is no longer available.

All tracaus if permissions have been removed. They include:

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Dialogs

· The friends dialog is no longer available.

- The registration plugin is no longer available.
- The feed and legacy share dialogs are now deprecated. They will continue to work, but we strongly recommend upgrading to the newer, modern Share dialog which additionally allows Open Graph stories to be published.
- In the feed dialog, the to: parameter will no longer accept arbitrary user IDs. You may only pass in the IDs of people who also use your app.

FQL

FQL is still available in version 2.0, but will not be available in the next version of the API. This early warning is given so that developers can start migrating off FQL to the Graph API as soon as possible. We strongly recommend that developers build no new experiences based on FQL. The vast majority of use cases can be achieved using the Graph API including field expansion and batched requests.

Test Apps

You can now create test versions of your production apps for use in development, testing, staging and QA. Test Apps are linked with your production app, but have their own app ID and settings. Test Apps are always in development mode. They share the same app-scoped user IDs as their production app. Admins of the production app have one place to manage all of the people who have access to the production and test apps.

Learn more in our documentation for test apps.

Business Mapping API

For businesses that operate multiple user-facing apps (for example, game developers), the Business Mapping API allows them to correlate a given user's IDs across the multiple apps operated by that business. To enable this API, developers must associate their apps with a parent business using a new tool called Business Manager. Learn about how to use the Business Mapping API and Business Manager.

Games

The following changes have been made to the app and games group API:

- Apps Can Post as Apps Apps can now post to groups as apps in addition to posting on behalf
 of the user.
- Create Group Dialog Apps can now show a client-side dialog as an alternative to creating groups server-side.
- **Join Group Dialog** Apps can now show a client-side dialog as an alternative to adding users to a group on the server-side.
- Add user to group by API removed Apps can no longer add any user to a group via API.

 They can only add users that have a role on the app(admins, developers, testers, test users).
- Read Feed Removed Apps can no longer read a group feed. However, apps can view the posts they make via the Graph API. Apps can also comment on their posts using this same API.
- · Create event Removed Apps can no longer create events with the API.
- Delete a group has changed Apps can only delete groups that have no members in them. If
 the app wants to delete a group, they must remove all members first. Deleting a group will make
 it non-existent.
- Removed requirement for user_groups permission Apps should not ask for the user_groups
 permission to get a list of user's groups. Apps can now get a user's game groups that belong to
 an app (and that app only) without the permission.

Facebook Platform Changelog

• Removed App Center requirement - We removed the requirement for an app to be in App Center in order to use Game Groups.

Chat

The Chat/XMPP service and API was deprecated along with Graph API v1.0 on April 30, 2015.