

AppDev Pack & DQL

Progress Report

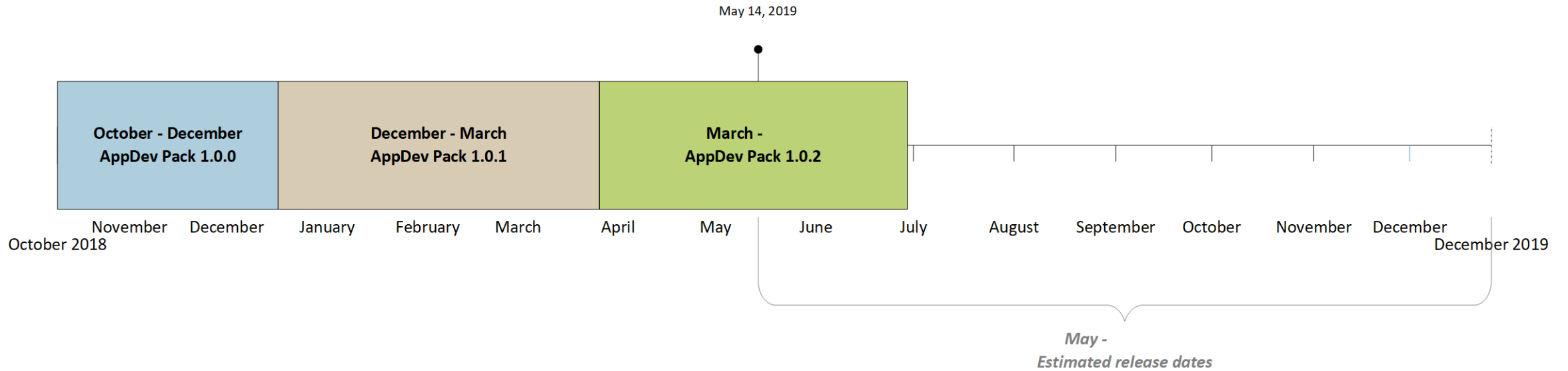
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Agenda

- AppDev Pack
 - Release Schedule Overview
 - History
 - Present
 - Futures
- DQL
- Backend Classes
- Open Source
- Q & A

AppDev Pack Release Schedule



AppDev Pack 1.0.0 (Q4 2018 release)

- Proton/domino-db
 - Linux support!
 - CRUD operations
 - DQL support
 - Functional ID authentication with SSL client certificates.
 - Document encryption (with Functional ID)
- OAuth DSAPI filter
 - Calendar and Free-Busy API support.
- IAM
 - Preview release of IAM server (OAuth)

AppDev Pack 1.0.1 (Q1 2019 release)

- Proton – (Domino add-in task)
 - Windows support!
 - Improved session behavior.
- domino-db – (NPM module)
 - Compute with form (read / write)
 - \$REF support (update / read)
- Node.js 10 support
 - Node.js 8 support deprecated.
- And more! (see documentation)

AppDev Pack 1.0.2 (Q2 2019 In Progress)

- Proton / domino-db
 - OAuth support! Have your domino-db application act as the user.
 - Read and write readers / authors fields with NamesList type support.
 - Read and write attachments.
- CORS DSAPI filter (FP2)
 - Coming in FP2. Configure CORS headers for applications hosted on the Domino server.
- IAM
 - Register domino applications
 - Custom scopes (*stretch goal*)
- And more! (see documentation (when you get it :))

DEMO!

AppDev Pack ??.?.? Longer-Term Plans

- General OAuth DSAPI filter
 - Bring OAuth to existing applications on the domino server
 - XPages, OSGi, etc.
- Continue to enhance domino-db and proton
 - Folders and Views
 - Rich text support
 - Design operations
 - Admin operations
 - Security operations using identity of OAuth user (encrypt, sign, etc.)
 - domino-db Java API

DQL

- Check out [DQL Explorer](#) on OpenNTF
- Plans for Domino 11
 - Obsolete GQFDsgn.cat
 - DQL indexed design info will live inside each database
 - Tools to inspect the DQL indexed design
 - DQL language support for sorted results
 - You can mimic this today in LotusScript/Java by using `maintain order` view intersects
 - CONTAINS Operator (full text!)
 - `body contains ('standard issue', 'noteb??k*')` – search just body in all docs for any of the patterns
 - `contains all ('standard issue', 'noteb??k*')` – search all text in all docs doc for both patterns
- Beyond Domino 11
 - DQL multi-database queries

Backend Classes (LS/Java)

- Domino 11 Plans
 - JSONBuilder class
 - Geolocation API on mobile devices
- Beyond Domino 11
 - Collections-type structures for LotusScript
 - Think maps, sets, lists, etc.

Open Source

- Ask for continued patience 😊
 - HCL is still working hard on the logistics of contributing OSS
- Things we are considering as contributions:
 - domino-db node module
 - domino-db for Java
 - Documentation
 - Example projects
 - calsync – Demo app to sync domino calendar to a google calendar
 - parking – Demo app showing webapp techniques with domino-db
 - Example (demo) docker environments
 - Etc...

Questions?

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