



# MEMBER SYSTEM & DATABASE REPLACEMENT

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# Present Day Challenges

- DBMS is out of support by the vendor.
- Heavy on manual procedures.
- Business rules / logic is housed in different places.
- Too many touch points with data.
- Many potential points of failure / error prone.
- Serious lag between when data is ready & when it is actually presented.
- IT Directorate is performing data entry vs. keeping things current.
- Database is manually backed up.



# Present Day

- Majority of time is spent on Keep The Lights On activities.
- FileMaker Pro v6.0 Single User Windows Based DBMS.
- Everything entered on the BJCP website by a user is an email to the IT Directorate with info that needs to be imported and processed. Everything.
- Exams data is imported from spreadsheets.
- Website data (competition schedule, point reporting, exam reporting, etc.) is exported from the desktop database and uploaded to the BJCP website.
- The Exam Schedule page is manually maintained HTML.



# New Day System

- Web based system and DBMS. PHP and MySQL esq.
- Centralized business logic.
- Global data standards.
- API framework for exchanging data.
- Streamlined operations.
- Automated processes.
- Quicker data updates.
- Data will be managed by the respective directorates.
- Automated data backups.



# Changes Directly Impacting Members

- Address changes will be immediate in the system.
- Competitions will need to submit payment when registered.
- Exams will automatically post to the website upon approval.
- Exam Admins will post examinee and proctor data to the website.
- Exam Admins will upload scanned exams to the system.
- Exam payment will need to be received at exam document upload.
- Exam results will post directly to member records when closed out.
- Competition results post directly to member records when submitted.



# Phased Implementation

- Member address updates and Competition Directorate changes first.
- Exam Directorate changes implemented next.
- Education Directorate changes last.
- Member reporting will be bridged over span of implementations.



# Help We Need

- Business or IT Analysts
- Graphical Interface Designers



# Questions?

