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## DataFax Development Proposals

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### Foundation Steps

1. Update the DF study server to:
  - enforce all database integrity
  - provide all access to study files
2. Higher limits
  - alpha-numeric study IDs (>255 studies)
  - 9999 centers
  - allow the visit number on a plate to be a date
3. User Permissions
  - more detailed specifications
  - roles

## Foundation Steps

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### 4. QC notes

- Allow QCs at patient, visit, plate & field levels
- Allow multiple QCs per patient, visit, plate & field
- Ability to link one QC to multiple data fields
- Ability to direct QCs to individuals at sites

### 5. Schema

- Modules
- Version control
- CDISC - write ODM and SDM

## DataFax 3.7-001

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### 1. Validation Tool

- Patient Binder
- Retrievals based on QC note attributes, reasons
- Field history -data changes made to current field

### 2. SQL Loader version 2

- Data typing

### 3. Selected client proposals

## Possible Future Projects

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- EDC Projects ( web forms, Anoto pen, PDA, etc. )
- AE/SAE management
- Site management
  - supplies, IRB approvals, site payments
- Graphical user interfaces
  - DFsas, DFexport.rpc, and DFimport.rpc
- HTML/PDF reporting and publishing
- Workflow - task management

## DFUG Client Proposals

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- DFconfig
  - multi-line cells
  - auto-create DFqcsort to match DFvisitmap

## DFUG Client Proposals

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- SQL Loader
  - merge multiple plates into one table
  - create tables for study config info: centers, etc.
  - create table for audit trail records
  - create table for DFX\_schedule
  - use CDISC approach to partial dates
  - shadow field for missing value codes, value labels, partial date imputation info.
  - allow merge operations across multiple studies

## DFUG Client Proposals

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- Reason for key change
  - journal reason for both old and new keys
- Reason for data change
  - a new report listing fields with reasons

## DFUG Client Proposals

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- **Conditional Plate Map**
  - do not apply conditions on arrival of an unexpected visit (vs apply conditions even if the visit is unexpected)
- **Exception data log**
  - new log file used to register unexpected visits and plates that have been reviewed and categorized (allowed vs not-allowed)
  - tag visit exceptions in DF\_PTvisits and DF\_PTcrfs
  - merge with lost data log

## DFUG Client Proposals

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- **Study server**
  - QCs created by `dfaddmpqc()` are deleted if the patient ID no longer exists in the database
  - when this happens write a message to the error log

## DFUG Client Proposals

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- **Installation Script for DataFax 3.7**
  - run DF\_ICvisitmap for all studies
  - check re-purposed field 10 in DFcenters for all studies (now used for email reply-to, was a comment field)

## DFUG Client Proposals

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- **Setup Tool**
  - view only mode as well as view only permission
  - link view only permission and report tool permission ( for now )
- **Screening IDs**
  - different from study ID

## DFUG Client Proposals

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- DFsas
  - database linkage
  - create a format library
  - more control over data set naming than just data+sequentialnumbering and data+platenumber

## DFUG Client Proposals

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- DFrouter
  - show thumbnails in the record list
  - attempt to identify and flag pages with barcodes
  - view only mode

## DFUG Client Proposals

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- DFlite
  - user control over license time-out

## DFUG Client Proposals

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- Record Deletion
  - allow deletion of a set of records
  - allow this to be done with a single reason
  - require user permission to delete data records

## DFUG Client Proposals

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- Testing within a live study database
  - allow deletion of test data with no reason
  - turn off journaling for test cases

## DFUG Client Proposals

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- ATK
  - make modules optional
  - make each test within a module optional

## DFUG Client Proposals

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- Edit checks
  - ability to test edit checks from a flat file of values
- DFcfield\_map
  - like all other conditional maps
  - replaces the need for some edit checks

## The Plan

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- accept additional client proposals until March 15, 2004
- evaluation within CDSI
- submit list of proposals to clients via [dfug@datafax.com](mailto:dfug@datafax.com)
- ask for one reply from each DataFax client company / organization