



Data and File Storage Coding

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Pharmacology

Coding Projects & Experiments

Project number "INOX-OY"

- **IN** = initials of the "study director"
- **OX** = Xth experiment of the project
- **OY** = Yth sub-experiment

Example project number:

- **SH01** This is the first study of Sandra den Hoedt
- **LK02** This is the second study of Laura Kervezee

Data Folder

- **YYYYMMDD** The year, month and date must be included
- **INOX-OY** The Project number must be included.
- **V1** The version must be included (v1, v2, etc)
- **IN** Input/comments on version to be indicated by input-IN (initials)
- Data folders and lab journals should be stored together (digital in folders and subfolders).
- In the case of technicians who work for various projects it is logical that they use a separate shelf for their lab journals.

Index of experiments

- Index of experiments need to be in all lab journals
- Department: Pharmacology
- Name: (PhD/ Student / Technician or Postdoc)

Coding Projects & Experiments

For example:

Laura Kervezee (PhD student) – initials LK

Project-Exp number	Starting page	Title	Date
<i>LK01-01</i>	<i>1</i>	<i>Pharmacokinetics of Quinidine in rats- total brain and plasma</i>	<i>20120910</i>
<i>LK02-01</i>	<i>36</i>	<i>Pharmacokinetics of Quinidine in microdialysis in ECF and CSF, and plasma</i>	<i>20130218</i>

Dirk-Jan vd Berg (Analytical technician) – initials DB

Project-Exp number	Starting page	Title	Date
<i>DB01-01</i>	<i>1</i>	<i>Development of Quinidine HPLC analysis in rat plasma, brain, and microdialysates</i>	<i>20120228</i>
<i>DB01-02</i>	<i>5</i>	<i>Validation HPLC analysis of Quinidine</i>	<i>20140410</i>
<i>DB01-03</i>	<i>12</i>	<i>Measurement of Quinidine in brain homogenates and plasma</i>	<i>20121125</i>
<i>DB01-04</i>	<i>43</i>	<i>Measurement of Quinidine in microdialysates</i>	<i>20130318</i>

List of Experimental Codes

- Biological system
 - rat = rat
 - mou = mouse
- Body matrix
 - SER = serum
 - MD = microdialysate
 - BR = brain
 - PL = plasma
 - STR = striatum
 - CER = cerebellum
 - COR = cortex
 - CP = caudate putamen
 - CM = cisterna magna
 - LV = lateral ventricle
- Compounds
 - QU = quinidine
 - RI = risperidone
 - PA = paliperidone
 - AC = acetaminophen
- Procedures
 - REM = remoxipride
 - RAC = raclopride
 - MOR = morphine
 - AMF = amphetamine
 - DOP = dopamine
 - LDOP = L-DOPA
 - HORM = hormone
 - PRL = prolactin
 - OXY = oxytocin
 - EDTA = EDTA
 - HEP = heparine
- Procedures
 - pcol = protocol
 - exp = experimental procedure
 - su = surgery
 - dev = method development
 - val = method validation
 - an = analysis
 - mod = modelling exercise

File name

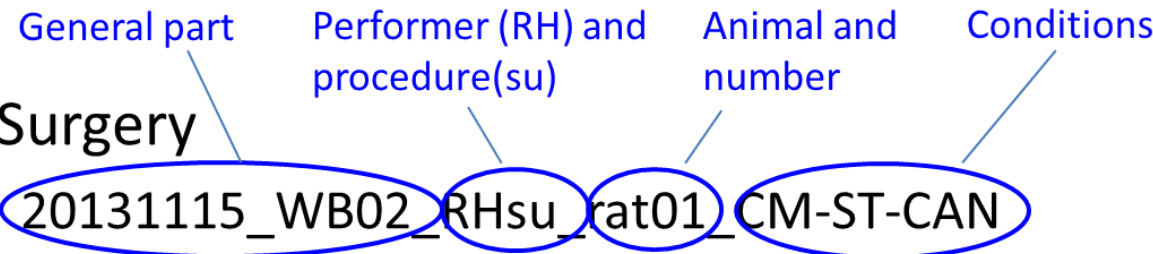
What do we want to know from the file name?

- Date (20140109)
- Project leader (WB)
- Project number (02)
- Procedure (su)
- Performer (RH)
- Type of animal (rat)
- Number of animal (04)
- Specific conditions (drug, dose, endpoint, type of measure, ...)
- Other

→ We need a 'universal' language that everybody can understand

File_names

Experimental

- 1.Surgery
 - 20131115_WB02_RHsu_rat01_CM-ST-CAN
 - 2.Experiment
 - 20131115_WB02_RHexp_rat01_REM16-PL-MD-CM-ST
 - 3.Recovery
 - 20131115_WB02_RHrec_rat02_LOSS-CM-ST
 - 20131115_WB02_RHrec_invtr_LOSS-GAIN
- 

File_names

Analytical

- General part Performer (DB) and procedure(dev) Conditions (see list with codes)
- 1.Method_development
 - 20140123_WB02_DBdev_REM-MD
 - 2.Method_validation
 - 20140123_WB02_DBval_REM-PL
 - 3.Analysis
 - 20140123_WB02_DBan_rat01_REM-MD-ST
 - 20140123_WB02_DBan_rat01_HORM-PL
 - 20140123_WB02_DBan_rat_HORM-PL
 - 20140123_WB02_DBpremod
- Analysis of data from more than one rat
- The final results file that can be handed over to the modeller (no statistical data modification)

File_names

Modelling

- 1. Datasets
 - 20131016_WB02_DBpremod
 - 20140123_WB02_WBmod_Dataset-overview
 - 20140110_Dataset1
 - 20131118_Dataset2
 - 2. Modelling
 - Files
 - Run1.mod
 - Run1.ext
 - Run1.lst
 - Pirana description
 - 20140123_WB02_WT COV on CL
- From analytical folder
- Required
- Compatible with Pirana
- Further details are given in Pirana (e.g. estimation method, dataset, run number)
- General part
- Model modification compared to the reference model

Directory Tree and File Names

20140111_ GARP_ LDL_ Directory tree and file names. V1

Main level	1 st level	2 nd level	3 rd level	5 th level	Content
Name of responsible person (investigator)	Investigator initial (IN) project number (OX)	Project files			
Investigator	IN01	- Study	- Study design	- YYYYMMDD_IN01_study design_v1 (etc) - YYYYMMDD_IN01_study design_DEF	Table format of study design
			- DEC protocol	- YYYYMMDD_IN01_DEC protocol_v1 (etc) - YYYYMMDD_IN01_DEC protocol_DEF	DEC Number DEC protocol (word) Scanned DEC protocol + signature (pdf)
			- Experimental protocol	- YYYYMMDD_IN01_EXP protocol_v1 (etc) - YYYYMMDD_IN01_EXP protocol_DEF	@ Title page <ul style="list-style-type: none"> • On behalf of • Sponsor(s) • Investigators • Ethical approval • Time table • Authorization @ Introduction (background +refs) @ Objectives / hypothesis @ Material and methods <ul style="list-style-type: none"> • Animals • Surgery • Surgery sheet • Experimental groups • Experimental design • Experimental sheet • Equipment @ Concentration analysis <ul style="list-style-type: none"> • Filenames + storage location @ Statistical analysis <ul style="list-style-type: none"> • Define @ Mathematical data analysis <ul style="list-style-type: none"> • Filenames + storage location @ SOPs used <ul style="list-style-type: none"> • Filenames + storage location