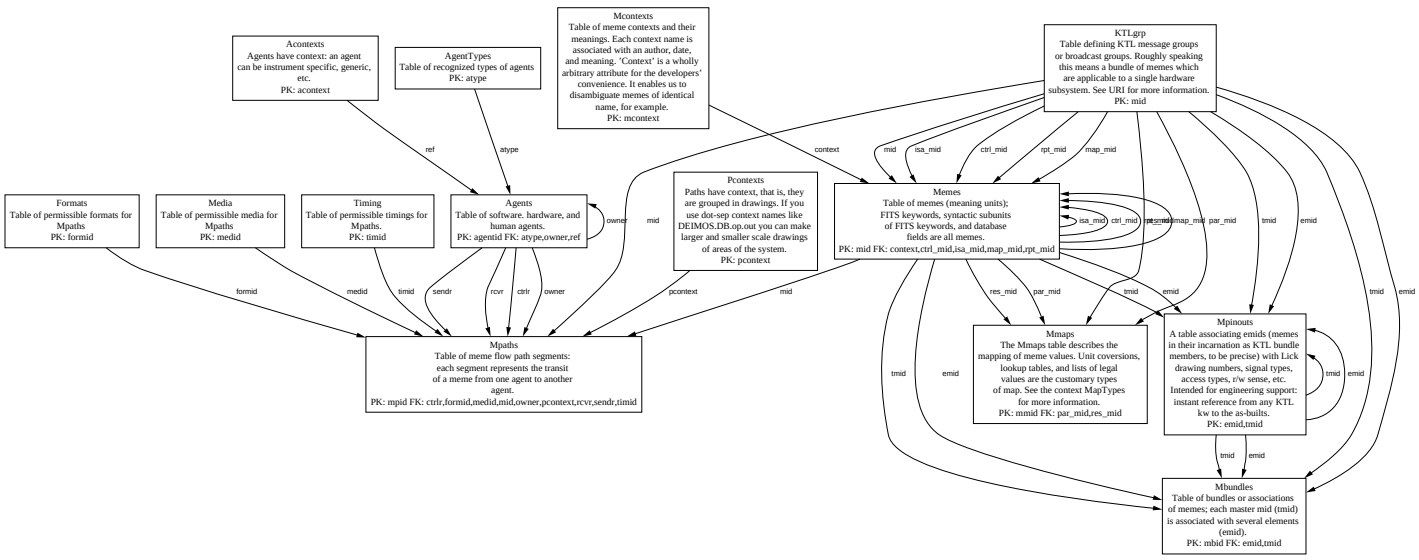
Acontexts
Agents have context: an agent can be instrument specific, generic, etc.
PK: acontext
AgentTypes
Table of recognized types of agents
PK: atype
Mcontexts
Table of meme contexts and their meanings. Each context name is associated with an author, date, and meaning. 'Context' is a wholly arbitrary attribute for the developers' convenience. It enables us to disambiguate memes of identical name, for example.
PK: mcontext
KTLgrp
Table defining KTL message groups or broadcast groups. Roughly speaking this means a bundle of memes which are applicable to a single hardware subsystem. See URI for more information.
PK: mid
ref
atype
context
mid
isa_mid
ctrl_mid
rpt_mid
map_mid
Formats
Table of permissible formats for Mpaths
PK: formid
Media
Table of permissible media for Mpaths
PK: medid
Timing
Table of permissible timings for Mpaths.
PK: timid
Agents
Table of software. hardware, and human agents.
PK: agentid FK: atype,owner,ref
owner
mid
Pcontexts
Paths have context, that is, they are grouped in drawings. If you use dot-sep context names like DEIMOS.DB.op.out you can make larger and smaller scale drawings of areas of the system.
PK: pcontext
Memes
Table of memes (meaning units);
FITS keywords, syntactic subunits
of FITS keywords, and database
fields are all memes.
PK: mid FK: context,ctrl_mid,isa_mid,map_mid,rpt_mid
isa_mid
ctrl_mid
rpt_mid
map_mid
par_mid
tmid
emid
formid
medid
timid
sendr
rcvr
ctrlr
owner
pcontext
mid
res_mid
par_mid
tmid
emid
Mpaths
Table of meme flow path segments:
each segment represents the transit
of a meme from one agent to another
agent.
PK: mpid FK: ctrlr,formid,medid,mid,owner,pcontext,rcvr,sendr,timid
Mmaps
The Mmaps table describes the
mapping of meme values. Unit coversions,
lookup tables, and lists of legal
values are the customary types
of map. See the context MapTypes
for more information.
PK: mmid FK: par_mid,res_mid
Mpinouts
A table associating emids (memes
in their incarnation as KTL bundle
members, to be precise) with Lick
drawing numbers, signal types,
access types, r/w sense, etc.
Intended for engineering support:
instant reference from any KTL
kw to the as-builts.
PK: emid,tmid
tmid
emid
tmid
emid
tmid
emid
tmid
emid
Mbundles
Table of bundles or associations
of memes; each master mid (tmid)
is associated with several elements
(emid).
PK: mbid FK: emid,tmid