

ARPEGE MEMORANDUM

From: GCO
Date: Feb 25, 2016
Subject: New cycle CY43

A new cycle CY43 has been created. This is a common cycle with ECMWF. The different contributions for this cycle are described in the following pages.

Contributors:

CEBRON Pierrick	cebron_CY42_combi_ajour
EL KHATIB Ryad	khatib_CY42_cy43.01%ddlcanari khatib_CY42_cy43.01%fixphase43 khatib_CY42_cy43.01%morefix khatib_CY42_cy43.01%rephasefftw khatib_CY42_cy43.02%cleanfix khatib_CY42_cy43.03%fix khatib_CY42_cy43.04%posfix
GCO	gco_CY42_cy43 gco_CY42_cy43.01%guidardv_miscBfVar gco_CY42_cy43.05%last_fixes gco_CY42_cy43b
KEMETMULLER Josef	kemetmullerj_CY42_cy43.02_phasing kemetmullerj_CY42_cy43_phasing
PAYAN Christophe	payan_CY42_cy43.01_kscat-thinfix payan_CY42_cy43v04_merger3updt
TAILLEFER Francoise	tailefer_CY42_db923 tailefer_CY42_dbdiv
YESSAD Karim	yessad_CY42_cy43V01bf1 yessad_CY42_cy43V04bf2

CEBRON Pierrick

Doc:

Update from cycle CY41.

Projects: utilities

Git branch: cebron_CY42_combi_ajour

Deleted:

utilities/combi masque.F90, proba.F90

Modified:

utilities/combi combi.F90, combi_opti.F90, combi_pert.F90, combi_stat.F90

* arpifs/utility/filedate.F90
arpifs/setup/sudimf1.F90
arpifs/setup/sudefo_gflattr.F90
arpifs/setup/suctrl_gflattr.F90
arpifs/control/cprep3.F90
arpifs/setup/sudyn.F90:

Miscellaneous bugfixes for NCONF=903 .

* arpifs/fullpos/sufpdyn.F90
arpifs/setup/suarg.F90
arpifs/setup/sufpinif.F90:

Cleanings.

* odb/pandor/module/bator_decodnetcdf_mod.F90
mse/externals/fp2sx1.F90:

Portability fix.

* arpifs/fullpos/sufptr2.F90
arpifs/fullpos/endvpos.F90:

Bugfix for computation of CAPE without climatology nor interpolations.

* arpifs/module/model_mod.F90
arpifs/setup/su0yomb.F90
arpifs/setup/susc2b.F90
arpifs/setup/suxfu.F90
arpifs/setup/sucfu.F90:

Bypass max wind test for SL scheme in offline-Fullpos.

NO NUMERICAL IMPACT IS EXPECTED.

Projects: arpifs, mse, odb

Git branch: khatib_CY42_cy43.02%cleanfix

Modified:

arpifs/control	cprep3.F90
arpifs/fullpos	endvpos.F90, sufpdyn.F90, sufptr2.F90
arpifs/module	model_mod.F90
arpifs/setup	su0yomb.F90, suarg.F90, sucfu.F90, suctrl_gflattr.F90, sudefo_gflattr.F90, sudimf1.F90, sudyn.F90, sufpinif.F90, susc2b.F90, suxfu.F90
arpifs/utility	filedate.F90
mse/externals	fp2sx1.F90
odb/pandor/module	bator_decodnetcdf_mod.F90

Doc:

1) Bugfix for LSPRT with the representation of q .

2) Protection against the use of the buiperiodicization of Boyd with different width of extension zone along X and Y axes.

Projects: arpifs

Git branch: khatib_CY42_cy43.03%fix

Modified:

arpifs/fullpos	sufpd.F90
arpifs/setup	suctrl_gflattr.F90

Doc:

Revert the change 0:KFLEVG for ZTT0 because PP2DINT is still awaiting for 0:KFLEVG arrays.

NO NUMERICAL IMPACT IS EXPECTED.

Projects: arpifs

Git branch: khatib_CY42_cy43.04%posfix

Modified:

arpifs/pp_obs

pos.F90

GCO

Doc:

- 1) Manual merge between CY42 + CY41T1_op1 and cycle CY42R2 + bfs .
- 2) Remove obsolete routines.
- 3) Set VERSION_MAJOR to 43 in odb/lib/version.c .
- 4) The maximum surface pressure was set to 1100hPa in RTTOV11 instead of 1200hPa. This can induce problems for LAM models in the "E" area when producing ISP during a forecast.
- 5) pertobs.F90, line 147: replace argument ISENSOR by IOBSTYPE in call of PERTOBS_UNCORR..

Projects: aladin, arpifs, ecftw, etrans, ifsaux, mse, odb, trans, utilities

Git branch: gco_CY42_cy43

Deleted:

arpifs/control	cprep4.F90
arpifs/dia	dealdyn_ddh.F90, wrspeca_compress1_mt.F90
arpifs/fullpos	extfpfboyd.F90, specfita.F90, specfitg.F90, sufpuv.F90
arpifs/io_serv	io_serv_handlef.F90, io_serv_rcv.F90, io_serv_send.F90
arpifs/module	coupl04_mix.F90, yompldsw.F90
arpifs/setup	sugridspa.F90, sunmen.F90
arpifs/utility	dealdh.F90, espareordx.F90, freemem.F90, spareordx.F90, spreordx.F90
etrans/module	easre1_mod.F90
ifsaux/fa	fagribexi.h, fagribexr.h, fandat.F90
ifsaux/fi_pthread	fifo_body.h, fifo_decl.h
ifsaux/hack	bdump.c
ifsaux/include	precision.h
ifsaux/lfi	lfiarticles.F90, lfisuffix.h, lfisuffix.pl
ifsaux/misc	lfi_alt_remv.F90
ifsaux/programs	lfiindx.F90, lfipack.F90
mse/externals	aroini_surfa1.F90, fp2sx1fa.F90, ini_prep_surfex_aro.F90, ini_prep_surfex_aroa.F90, ini_prep_surfex_arob.F90
mse/interface	aroini_surfa1.h, ini_prep_surfex_aro.h, ini_prep_surfex_aroa.h, ini_prep_surfex_arob.h
mse/internals	old_ndim.F90, read_in_lfi_x2.F90, read_in_lfi_x3.F90, set_surfex_file_name_aro.F90, write_in_lfi_x1.F90, write_in_lfi_x2.F90, write_in_lfi_x3.F90
mse/new	arordgp_surf2.F90, arowrgp_surf2.F90, disgrid_surf_ext2.F90, diwrgrid_surf_ext2.F90, sfxconv.F90
utilities/aca	prepsurf_arome.F90

Modified:

aladin/coupling	ecoupl1.F90, etenc.F90
aladin/setup	elsac.F90, sueinif.F90, suetrans.F90
aladin/var	ebalvert.F90, ebalvertad.F90, ewrlsgrad.F90
arpifs/c9xx	cseaice.F90
arpifs/canari	caidgu.F90, canari.F90
arpifs/control	cnt3_wait.F90
arpifs/dia	posddh.F90, sunddh.F90, supupdate.F90
arpifs/fullpos	gridfpos.F90, scan2m_mpos.F90, sufpd.F90, sufpg.F90
arpifs/io_serv	io_serv_init.F90
arpifs/module	elbc0b_mod.F90, gom_mod.F90, model_mod.F90, sats_mix.F90,

arpifs/namelist	varbc_rad.F90, varbc_setup.F90, varbc_sfcobs.F90, yomct0.F90, yomobs.F90 namafn.nam.h, namobs.nam.h
arpifs/obs_preproc	black.F90, decis.F90, defrun.F90, fgwnd.F90, kscatin.F90, obadat.F90, pertobs.F90, pertobs_interchan_corr.F90, pertobs_uncorr.F90, pre_thinner.F90, scaqc.F90, screen.F90, selec.F90, sugoms.F90, upecma.F90
arpifs/oops	allobs_oper_mod.F90, error_covariance_3d_mod.F90
arpifs/op_obs	hop.F90, hop_decide_required_sqls.F90, hradp_ml_tl.F90, hretr.F90, hretr_rad.F90, inv_refl1dstat.F90, mw_clearsky_screen_mfdecis.F90, obsop_rad.F90, rad1cemis.F90, radtr_ml.F90, sat_avg_stdev_filter.F90
arpifs/parallel	trmtos.F90, trstom.F90
arpifs/phys_dmn	achmt.F90, acmtud.F90, aplpar.F90, suparar.F90, suphmse.F90
arpifs/pp_obs	pos.F90, ppobsac.F90
arpifs/programs	hop_driver.F90
arpifs/setup	rdfa2sp.F90, su0yomb.F90, suafn1.F90, sucfu.F90, suct0.F90, suspeca.F90, suspeca_fixup.F90, sutrans.F90
arpifs/utility	maxgpfv.F90, pksurfa.F90, rdfa2gp.F90, wrgp2fa.F90
arpifs/var	jgvcor.F90, sujbwavelet0.F90, taskob.F90, taskobad.F90, taskobl.F90
ecfftw/module	tpm_fftw.F90
ifsaux/fa	facdec.F90, facine.F90, facodx.F90, faicor.F90, fainig.F90, faipag.F90
ifsaux/module	rttov_const.F90
mse/externals	aro_surf_diagh.F90, canari_sx_ics.F90, fp2sx1.F90, prep1_real.F90, sugridsfx.F90, suphmse_surface.F90
mse/interface	prep_step0.h, prep_step1.h, prep_step2.h
mse/module	modd_io_surf_aro.F90
mse/new	sfxconv.F90, sfxlfi2fa.F90
mse/programs	sfxtools.F90
odb/lib	version.c
odb/pandor/fcq	fcqodb_pilotverif.F90, fcqodb_tempverif.F90
odb/pandor/module	bator_ecritures_mod.F90, bator_init_mod.F90
trans/module	ftdir_mod.F90, ftdirad_mod.F90, ftinv_mod.F90, ftinvad_mod.F90
utilities/combi	combi.F90, combi_pert.F90

Doc:

Miscellaneous catch-up from e-suite and bugfixes.

EXPECTED IMPACT:

As expected from e-suite

Projects: arpifs, satrad

Git branch: gco_CY42_cy43.01%guidardv_miscBfVar

Modified:

arpifs/dia	grib_code_message.F90
arpifs/module	model_mod.F90, varbc_rad.F90
arpifs/obs_preproc	defrun.F90
arpifs/op_obs	gpsro_oberror.F90, hopad.F90, hoptl.F90
satrad/rttov/ifs	phrtsetup.F90

Doc:

* *arpifs/op_obs/gpsro_oberror.F90:*

Replace block:

```

61 IF (.NOT.(LECMWF)) THEN
62 Z_FRAC1 = 0.05_JPRB
63 ELSE
64 Z_FRAC1 = 0.2_JPRB

```

KEMETMULLER Josef

Doc:

* arpifs/phys_dmn/suphy0.F90:

Bugfix for uninitialized ITTYPE in case LCOEFKTKKE is .FALSE.

* aladin/programs/holo.F90
aladin/programs/unholo.F90:

*Fix ESPAREORD call in holo and unholo.
Argument of ESPAREORD must be of type TDIM, so YLGEOMETRY%YRDIM is the correct choice.*

* arpifs/phys_radi/rrtm_kgb3.F90:

*Remove unused ABOR1 statement.
Remove unnecessary "abor1.intfb.h" include.*

* arpifs/module/yomspjb.F90:

Use YDGEOMETRY as INTENT(IN) only, as nothing is being written to it.

* arpifs/setup/su0yomb.F90:

Remove dead code: the allocation can never happen due to the abort above.

* odb/pandor/module/bator_decodnetcdf_mod.F90:

Fix allocation check for POINTER variable. Pointer variables need the ASSOCIATED check instead of ALLOCATED.

* mse/externals/fp2sx1.F90
mse/externals/ini_prep_surfex_aroc.F90:

Bugfix: match string length with dummy argument.

* arpifs/module/control_vectors_comm_mod.F90:

- 1) Manually allocate YLSP for each thread of UN/PACK_CV.
This should fix an openMP problem with allocatable members in derived types. However the memory usage will be higher.
- 2) Add missing lines continuation.
- 3) Fix unnecessary duplication of YLSP.
- 4) Fix parentheses syntax error.
- 5) Remove a comment that did not reflect behaviour.

* aladin/setup/elsac.F90:

Remove SPA3TO7 and SPA7TO3 in favor of a temporary SPECTRAL_FIELD.

Projects: aladin, arpifs, mse, odb

Git branch: kemetmullerj_CY42_cy43.02_phasing

Modified:

aladin/programs	holo.F90, unholo.F90
aladin/setup	elsac.F90
arpifs/module	control_vectors_comm_mod.F90, yomspjb.F90
arpifs/phys_dmn	suphy0.F90

arpifs/phys_radi	rrtm_kgb3.F90
arpifs/setup	su0yomb.F90
mse/externals	fp2sx1.F90, ini_prep_surfex_aroc.F90
odb/pandor/module	bator_decodnetcdf_mod.F90

Doc:

ALADIN & MSE phasing.

* mse/externals/fp2sx1.F90
mse/externals/fp2sx2.F90
mse/externals/gridfposfx_init.F90
mse/externals/prep1_real.F90
mse/externals/prep2_real.F90
mse/externals/prep_step1.F90
mse/externals/prep_step2.F90
mse/externals/rdclimosfx.F90
mse/interface/prep1_dumm.h
mse/interface/prep1_real.h
mse/interface/prep2_dumm.h
mse/interface/prep2_real.h
mse/interface/rdclimosfx.h:

Change INTENT of Variable YDGEOMETRY to INOUT.

The functions that end up being called are using YDGEOMETRY by INTENT(INOUT).

GRIDFPOS

-> GRIDFPOSSFX_INIT
-> PREP_STEP1
-> PREP1_REAL
-> PREP2_DUMM
-> RDCLIMOSFX
-> FP2SX1
-> RDCLIMOSFX
-> FP2SX2
-> PREP_STEP2
-> PREP1_DUMM
-> PREP2_REAL

* aladin/setup/elsac.F90:

Add the parameter YDVARBC and pass it on to UPSPEC.

UPSPEC needs parameter YDVARBC since commit 6461eba93cb94a47210d3c4f31f78018d067cb5d .

* aladin/sinvect/ewrtsv.F90:

Add YDVARBC to arguments and pass it on to STEPO and CAIN.

STEPO and CAIN need YDVARBC since commit 6461eba93cb94a47210d3c4f31f78018d067cb5d .

* arpifs/canari/can1.F90

Pass the parameter YDVARBC to UPSPEC.

UPSPEC needs parameter YDVARBC since commit 6461eba93cb94a47210d3c4f31f78018d067cb5d.

* aladin/sinvect/echnorm.F90
aladin/var/ewreini.F90

arpifs/control/cgr1.F90
arpifs/control/cnt3.F90
arpifs/sinvect/nalan1.F90
arpifs/sinvect/opk.F90
arpifs/var/costra.F90:

Add the parameter YDVARBC to ELSAC, ECHNORM, ECOSJR, EWREINI and EWRTSV.

* aladin/c9xx/eincli1.F90
aladin/c9xx/eincli10.F90
aladin/dia/ewmovph.F90
aladin/setup/sueinif.F90
mse/externals/aro_surf_diagh.F90:

Relocate variables from removed struct YOMOPH:YROPH.

Get NCADFORM, LINC, CNMCA, CETSTAMP, VALHIO, VBHIO from YOMOMPHO instead of removed YOMOPH:YROPH.

* mse/externals/canari_sx_ics.F90
mse/interface/sugridsfx.h
mse/module/modd_io_surf_aro.F90
mse/new/sfxfa2lfi.F90
mse/new/sfxfilter.F90
mse/new/sfxlfi2fa.F90
mse/new/sfxlist.F90:

Change YDGEOMETRY to INTENT(INOUT) as required by the SURFEX routines.

* aladin/setup/suegem_naml.F90:

Make YDGEOMETRY variable a target.

* aladin/setup/suemp.F90:

Correct SETUP_SPEC call to match parameter-list.

* aladin/utility/cchien.F90:

Relocate variables from removed struct YOMOPH:YROPH.

Get VALHIO, VBHIO from YOMOMPHO instead of removed YOMOPH:YROPH.

* arpifs/module/yomsp.F90:

Make SPECTRAL_FIELD SPA3 a TARGET.

* aladin/var/suejknorm.F90:

Forward YD_JB_STRUCT to call of COMMJBDAT.

* arpifs/oops/error_covariance_3d_mod.F90

Forward YDVARBC to SUEJCOV, forward YDVARBC and YD_JB_STRUCT to SUESCAL.

* aladin/sinvect/esptrlcz.F90:

Update call for ALLOCATE_SPEC.

* aladin/adiab/especrt.F90:

Use *BACKGROUND* instead of *SPA7*.

* *aladin/var/ewrlsgrad.F90*:

Get *CNMCA* and *LINC* from *YOMOPH0* instead of *YROPH*.

* *aladin/var/ecosjr.F90*:

WARNING: *SPA7* disappeared we just make it compile and call *ABOR1*.

* *aladin/var/suejbdat96.F90*:

Forward *YD_JB_STRUCT* to *COMMJBDAT*.

* *aladin/var/suejbcov.F90*

aladin/var/suejbstd.F90

aladin/var/suejbtst.F90

aladin/var/suescal.F90

arpifs/setup/su0yomb.F90:

Multiple SU Changes.

Forward *YDVARBC*, *BACKGROUND*, *JB_STRUCT*, *YD_JB_STRUCT*.

Remove 801 as in global model.

* *aladin/var/ecoptra.F90*:

WARNING: We just make it compile using an *ABOR1*, but not fix it!

Add *YDVARBC* to arguments and pass it on to *STEPO* and *CAIN*

Projects: aladin, arpifs, mse

Git branch: kemetmullerj_CY42_cy43_phasing

Modified:

<i>aladin/adiab</i>	<i>espectr.F90</i>
<i>aladin/c9xx</i>	<i>eincli1.F90, eincli10.F90</i>
<i>aladin/dia</i>	<i>ewmovph.F90</i>
<i>aladin/setup</i>	<i>elsac.F90, suegem_naml.F90, sueinif.F90, suemp.F90</i>
<i>aladin/sinvect</i>	<i>echnorm.F90, esprtlcz.F90, ewrtsv.F90</i>
<i>aladin/utility</i>	<i>cchien.F90</i>
<i>aladin/var</i>	<i>ecoptra.F90, ecosjr.F90, ewreini.F90, ewrlsgrad.F90, suejbcov.F90, suejbdat96.F90, suejbstd.F90, suejbtst.F90, suejknorm.F90, suescal.F90</i>
<i>arpifs/canari</i>	<i>can1.F90</i>
<i>arpifs/control</i>	<i>cgr1.F90, cnt3.F90</i>
<i>arpifs/module</i>	<i>yomsp.F90</i>
<i>arpifs/oops</i>	<i>error_covariance_3d_mod.F90</i>
<i>arpifs/setup</i>	<i>su0yomb.F90</i>
<i>arpifs/sinvect</i>	<i>nalán1.F90, opk.F90</i>
<i>arpifs/var</i>	<i>costra.F90</i>
<i>mse/externals</i>	<i>aro_surf_diagh.F90, canari_sx_ics.F90, fp2sx1.F90, fp2sx2.F90, gridfpossfx_init.F90, prep1_real.F90, prep2_real.F90, prep_step1.F90, prep_step2.F90, rdclimosfx.F90</i>
<i>mse/interface</i>	<i>prep1_dumm.h, prep1_real.h, prep2_dumm.h, prep2_real.h, rdclimosfx.h, sugridsfx.h</i>
<i>mse/module</i>	<i>modd_io_surf_aro.F90</i>
<i>mse/new</i>	<i>sfxfa2lfi.F90, sfxfilter.F90, sfxlfi2fa.F90, sfxlist.F90</i>

TAILLEFER Francoise

Doc:

First effort to run 923 configuration (problem of geometry phasing in spectral part solved).

NO NUMERICAL IMPACT IS EXPECTED.

Projects: algor, arpifs, mse

Git branch: taillefer_CY42_db923

Modified:

algor/external/minim	m1qn3r.F
algor/internal/minim	ddr.F, ddsr.F, m1qn3ar.F
arpifs/c9xx	apl1g.F90, grtstr.F90, relspe.F90
mse/module	sfxflldesc_mod.F90

Doc:

Miscellaneous modifications.

- 1) Modifications for conf 923 (validated now in all the cases).*
- 2) Beginning debugging screening and minimization for AROME.*
- 3) Force redzone to 0 in lamflag for CANARI.*
- 4) Debug coupling_surf task.*
- 5) Debug HOLO/UNHOLO for LAM.*

NO NUMERICAL IMPACT IS EXPECTED.

Projects: aladin, algor, arpifs, mse, odb, trans

Git branch: taillefer_CY42_dbdiv

Modified:

aladin/programs	holo.F90, unholo.F90
algor/internal/minim	dd.F, ddr.F, dds.F, ddsr.F, m1qn3a.F, mlis0r.F
arpifs/c9xx	sid1.F90, sid2.F90
arpifs/obs_preproc	read_iasichans.F90
arpifs/op_obs	co2slicing_ml.F90, hoptl.F90
mse/externals	fp2sx1.F90, ini_prep_surfex_aroc.F90
odb/pandor/module	bator_util_mod.F90
trans/module	ftinv_ctl_mod.F90

YESSAD Karim

Doc:

- 1) Fix for pre-cy43: first set.
- 2) MITRAILLETTE environnement update.

NO NUMERICAL IMPACT IS EXPECTED.

Projects: arpifs, mitraille

Git branch: yessad_CY42_cy43V01bf1

Added:

mitraille/namelist	obsolete_naml_ahut_e001_sl2
mitraille/pro_file	PRO_FILE.cy43_aldmonoref, PRO_FILE.cy43_aldmultiref, PRO_FILE.cy43_arpmonoref, PRO_FILE.cy43_arpmultiref

Modified:

arpifs/setup	su0yoma.F90
mitraille/namelist	namg_fila, namg_filb, namg_fpfa, namg_fpb, namg_fpfa, namg_fpla, namg_fplb, namg_fpm, namg_fpmc, namg_fpsa, namg_fpsu_fc, namg_fpsu_fp, namg_fpsu_fp_l03, namg_fpsu_fp_l15, namg_fpsv_addnhvar, namg_fpsv_addnhvar_l15, namg_fpsv_gpq, namg_fpsv_gpq_l15, naml_ag1t_e001_fr_oper, naml_ah2s_e001_2dm_sl3, naml_ah2t_e001_2dm_sl2, naml_ah6e_e601_eul_physb, naml_ah6t_e601_sl2_physb, naml_ah9e_e927_fp_aru, naml_ah9e_ee927_fp_arunes, naml_ahfe_e001_fp_ope2, naml_ahme_e001_fp_lamars, naml_ahut_e001_sl2, naml_an2s_e001_nh2dm_d4_sl3, naml_an2t_e001_nh2dm_d4_sl2, naml_ar1t_e001_hyd, naml_ar1t_e001_hydmad, naml_ar1t_e001_pcc, naml_ar1t_e001_pccmad, naml_ar1t_e001_pccmad_adiab, naml_ar1t_e001_pccmados, naml_ar1t_e001_pcf, naml_arut_e001_sl2, vv_complete_physics_arome

Doc:

- Corrections and MITRAILLETTE environment update:*
- * update MITRAILLETTE environment (CY43, v012016);
 - * one additional file under mitraille/doc describing changes to bring in namelists;
 - * bug correction in LARCINB;
 - * set right default for ND4SYS in SUDYNA.

NO NUMERICAL IMPACT IS EXPECTED.

Projects: arpifs, mitraille

Git branch: yessad_CY42_cy43V04bf2

Deleted:

mitraille/doc	aainfo_mitraille_v032015.pdf
mitraille/namelist	obsolete_naml_ahut_e001_sl2, ssel_ar1t_frangp0025_0, ssel_ar1t_frangp0025_3, zfutur_naml_ahfe_e001_inl_fp
mitraille/pro_file	PRO_FILE.cy41t1_aldmonoref, PRO_FILE.cy41t1_aldmultiref, PRO_FILE.cy41t1_arpmonoref, PRO_FILE.cy41t1_arpmultiref

Renamed:

mitraille/pro_file	PRO_FILE.cy43_aldmonoref mitraille/pro_file/PRO_FILE.currentcycle_aldmonoref, PRO_FILE.cy43_aldmultiref mitraille/pro_file/PRO_FILE.currentcycle_aldmultiref, PRO_FILE.cy43_arpmonoref mitraille/pro_file/PRO_FILE.currentcycle_arpmonoref, PRO_FILE.cy43_arpmultiref mitraille/pro_file/PRO_FILE.currentcycle_arpmultiref
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mitraille/procedure	mitraille_v032015.x mitraille/procedure/mitraille.x
Added:	
mitraille/doc	doc_mitraillette.pdf, history_difnam
Modified:	
arpifs/adiab	larcinb.F90
arpifs/setup	sudyna.F90
mitraille/namelist	aainfo, naml_ar1t_e001_hyd, naml_ar1t_e001_hydmad, naml_ar1t_e001_pcc, naml_ar1t_e001_pccmad, naml_ar1t_e001_pccmad_adiab, naml_ar1t_e001_pccmadios, naml_ar1t_e001_pcf, naml_arut_e001_sl2, sel_ag1t_exseg1, sel_ahfe_exseg1, sel_ar1t_3, sel_ar1t_exseg1, sel_arut_exseg1, sel_axsy_makepgd_fa_arome_frangp, vv_complete_physics_arome, vv_simplified_physics, vv_simplified_physics_4, vv_simplified_physics_5, vv_simplified_physics_6
mitraille/protojobs	aainfo, config, timetable, jobl_an2s_e001_nh2dm_d4_sl3, jobl_an2t_e001_nh2dm_d4_sl2
mitraille/protojobs/beaufix	config, timetable