test [table]

test_id	serial not null auto-incremented
test_val1	int4
test_val2	float4(8, 8)
test_val3	varchar
test_val4	timestamp

data_processing_results [table]

| run_id | int4 not null |
| tbd | float4(8, 8) |

cosmic_rays [table]

run_id	int4 not null
spectrograph	int4 not null
arm	varchar(1) not null
tbd	float4(8, 8)

cobra_convergence [table]

pfs_visit_id	int4 not null
number_converged	int4
residual_mean	float4(8, 8)
residual_median	float4(8, 8)
residual_sigma	float4(8, 8)

detector_map [table]

run_id	int4 not null
spectrograph	int4 not null
arm	varchar(1) not null
residual_wavelength_mean	float4(8, 8)
residual_wavelength_median	float4(8, 8)
residual_wavelength_sigma	float4(8, 8)
residual_trace_mean	float4(8, 8)
residual_trace_median	float4(8, 8)
residual_trace_sigma	float4(8, 8)

data_processing [table]

run_id	serial not null auto-incremented
pfs_visit_id	int4
drp_id	int4
drp_version	varchar
process_type	varchar
process_datetime_start	timestamp
process_datetime_end	timestamp

dichroic_continuity [table]

run_id	int4 not null
spectrograph	int4 not null
br_continuity	float4(8, 8)
rn_continuity	float4(8, 8)

data_qa [table]

run_id	serial not null auto-incremented
pfs_visit_id	int4
qa_version	varchar
qa_type	varchar
process_datetime_start	timestamp
process_datetime_end	timestamp

flux_calibration [table]

run_id	int4 not null
spectrograph	int4 not null
arm	varchar(1) not null
number_of_flux_standards	int4
tbd	float4(8, 8)

exposure_time [table]

pfs_visit_id	int4 not null
nominal_exposure_time	float4(8, 8)
effective_exposure_time	float4(8, 8)

h4_persistence [table]

run_id	int4 not null
spectrograph	int4 not null
tbd	float4(8, 8)

guide_offset [table]

pfs_visit_id	int4 not null
number_guide_stars	int4
offset_mean	float4(8, 8)
offset_median	float4(8, 8)
offset_sigma	float4(8, 8)

mask [table]

run_id	int4 not null
spectrograph	int4 not null
arm	varchar(1) not null
number_of_pix_in_each_bit	int4

moon [table]

pfs_visit_id	int4 not null
moon_phase	float4(8, 8)
moon_alt	float4(8, 8)
moon_sep	float4(8, 8)

redshift_measurement [table]

run_id	int4 not null
number_of_galaxies	int4
chisq_mean	float4(8, 8)
chisq_median	float4(8, 8)
chisq_sigma	float4(8, 8)

noise [table]

pfs_visit_id	int4 not null
noise_mean	float4(8, 8)
noise_median	float4(8, 8)
noise_sigma	float4(8, 8)

sky_subtraction [table]

run_id	int4 not null
spectrograph	int4 not null
arm	varchar(1) not null
number_of_sky_fibers	int4
residual_chi_mean	float4(8, 8)
residual_chi_median	float4(8, 8)
residual_chi_sigma	float4(8, 8)

pfs_visit [table]

pfs_visit_id	int4 not null
pfs_visit_description	varchar
pfs_design_id	int8
issued_at	timestamp

seeing [table]

pfs_visit_id	int4 not null
seeing_mean	float4(8, 8)
seeing_median	float4(8, 8)
seeing_sigma	float4(8, 8)

sky [table]

pfs_visit_id	int4 not null
sky_background_mean	float4(8, 8)
sky_background_median	float4(8, 8)
sky_background_sigma	float4(8, 8)
wavelength_ref	float4(8, 8)

telescope [table]

pfs_visit_id	int4 not null
azimuth	float4(8, 8)
altitude	float4(8, 8)
airmass	float4(8, 8)

throughput [table]

pfs_visit_id	int4 not null
throughput_mean	float4(8, 8)
throughput_median	float4(8, 8)
throughput_sigma	float4(8, 8)

transparency [table]

pfs_visit_id	int4 not null
transparency_mean	float4(8, 8)
transparency_median	float4(8, 8)
transparency_sigma	float4(8, 8)

PFS QA Database
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