



TEX file layout proposal

Benno List

DESY

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TDR Skeleton

- As an exercise:
 - Put original RDR into SVN
 - "Translated" RDR into proposed TEX file layout
 - Checked that this gives page-by-page identical result
 - Created Skeleton for TDR (Part 2: Baseline)



Proposal

- Directories: One per chapter
- Subdirectories in special cases only:
 - **CFS: Subdirectories for each region**
 - **Cost: Subdirectory for value estimate - keep confidential**
- One file per author group
 - **if same author (group) writes whole chapter: only one file**
 - **if single subsection is written by specific author (group), it gets its own file**
 - **Minimizes number of files and possible editing clashes**



File Layout (1)

	Title		Path	TEX file	Figures
	Part II: The ILC Baseline Reference	315	tdr_bl	tdr_bl_book.tex	
1	Introduction and overview	5	tdr_bl/intro	tdr_bl_intro.tex	tdr_bl/intro/figs
2	General parameters and layout	15	tdr_bl/layout	tdr_bl_layout.tex	tdr_bl/layout/figs
2.1	Main ILC parameters	5		parameters.tex	
2.2	Site layout and sub-system functionality	10		sitelayout.tex	
3	SCRF Main Linacs	60	tdr_bl/scrfl	tdr_bl_scrfl.tex	tdr_bl/scrfl/figs
4	Electron source	10	tdr_bl/esource	tdr_bl_esource.tex	tdr_bl/esource/figs
5	Positron source	20	tdr_bl/psource	tdr_bl_psource.tex	tdr_bl/psource/figs
6	Damping Rings	25	tdr_bl/dr	tdr_bl_dr.tex	tdr_bl/dr/figs
7	RTML	20	tdr_bl/rtml	tdr_bl_rtml.tex	tdr_bl/rtml/figs
8	Beam Delivery System and MDI	25	tdr_bl/bds	tdr_bl_bds.tex	tdr_bl/bds/figs



File Layout (2) - CFS

	Title		Path	TEX file	Figures
	Part II: The ILC Baseline Reference	315	tdr_bl	tdr_bl_book.tex	
9	Convention Facilities and Siting	50	tdr_bl/cfs	tdr_bl_cfs.tex	tdr_bl/cfs/figs
9.1	Introduction and overview	8	tdr_bl/cfs/america	cfs_intro.tex	tdr_bl/cfs/america/figs
9.2	Asian region siting studies	5	tdr_bl/cfs/asia	asia_site.tex	tdr_bl/cfs/asia/figs
9.3	European region siting studies	5	tdr_bl/cfs/europe	europe_site.tex	tdr_bl/cfs/europe/figs
9.4	Asian region civil design	5	tdr_bl/cfs/asia	asia_civil.tex	tdr_bl/cfs/asia/figs
9.5	Americas region civil design	5	tdr_bl/cfs/america	america_civil.tex	tdr_bl/cfs/america/figs
9.6	European region design	5	tdr_bl/cfs/europe	europe_civil.tex	tdr_bl/cfs/europe/figs
9.7	Mechanical design		tdr_bl/cfs/america	mechanical.tex	tdr_bl/cfs/america/figs
9.7.1	Asian region DRFS	4	tdr_bl/cfs/asia	mech_as_drfs.tex	tdr_bl/cfs/asia/figs
9.7.2	Americas region KCS	4	tdr_bl/cfs/america	mech_am_kcs.tex	tdr_bl/cfs/america/figs
9.7.3	Americas region DRFS	4	tdr_bl/cfs/america	mech_am_drfs.tex	tdr_bl/cfs/america/figs
9.8	Electrical design	5	tdr_bl/cfs/america	electrical.tex	tdr_bl/cfs/america/figs



File Layout (3)

	Title		Path	TEX file	Figures
	Part II: The ILC Baseline Reference	315	tdr_bl	tdr_bl_book.tex	
10	Upgrade options	20	tdr_bl/upgrade	tdr_bl_upgrade.tex	tdr_bl/upgrade/figs
10.1	Overview			upgr_overview.tex	
10.2	Luminosity upgrade			lumi_upgr.tex	
10.3	Energy (TeV) upgrade			en_upgr.tex	
10.4	Schedule and estimated cost			upg_schedule.tex	
11	Scope of post-TDR engineering (tech. risk assessment)	20	tdr_bl/post_tdr	tdr_bl_post_tdr.tex	tdr_bl/post_tdr/figs
12	Project Implementation Planning	20	tdr_bl/pip	tdr_bl_pip.tex	tdr_bl/pip/figs
13	Cost and Schedule	20	tdr_bl/cost	tdr_bl_cost.tex	tdr_bl/cost/figs
13.1	Value estimating methodology		tdr_bl/cost	methodology.tex	
13.2	Value estimate for the construction of the ILC		tdr_bl/cost/estimate	estimate.tex	
13.3	Construction schedule		tdr_bl/cost	schedule.tex	
14	Summary	5	tdr_bl/summary	tdr_bl_summary.tex	tdr_bl/summary/figs

For confidentiality



Summary

- Should we go with this scheme?
- I propose to add a "Writing Instructions" as section in the "Introduction" chapter, in the usual style, i.e.:
 - **Describe how to do figures, tables, references**
 - **Give examples**
- The present "Introduction" text has figure, reference and table examples in RDR style, but no writing instructions