

/n	n-Depth Look at train-iteration ()	
	La called at every step of the training process	
-	- call zero-grad () on optimizers for camera be proposal networks	
	-get_train_loss_batch() -> base_pipeline.pg	
	12 extract next batch of data from train dataloado	
	- base datamanager for -> extract 4096 rays in the batch using fixel sampling	
	La pass bundle of rays Honigh Nertacho model (get_outputs() in nurfacto.pg)	
	-calls get_desity() and get_outputs() from TCNNNerfacto Field in nerfacto_field.py	
	computes desities w/ some activation after passing. Howoth an MLP  computes RGB values after passing. SH encoding, desity embedding, & appearance embedding through MLP  — compute weights using desities from raysamples (get_weights () in rays.pg)	
	computes MUB values atter passing It exading denily embedding, & appearance embedding through MCP	
	bentraot alpha values as $1 - Eorch.exp(-\sigma.d) \rightarrow ne$ can model alpha directly using softplan have	
	Sextract transmittance values using (o.d) - eventually passed through torch.exp()	
	- performs accumulation (of depths, RGBs, and opacities)	
	· renderos. py & vol-rendering. py - used to accomplate data for each ray into a singular rendered	view
	calls nerface. accomplate - along -rays () or simply torch sum () to perform the accomplation!	
	- reduces loss-diet into single accumulated loss value	
	- scale gradient backwards (Gr precision parposes)	
	- optimizer step()	
	- updak gradient scale-	
	-updak learning rate scheduler	