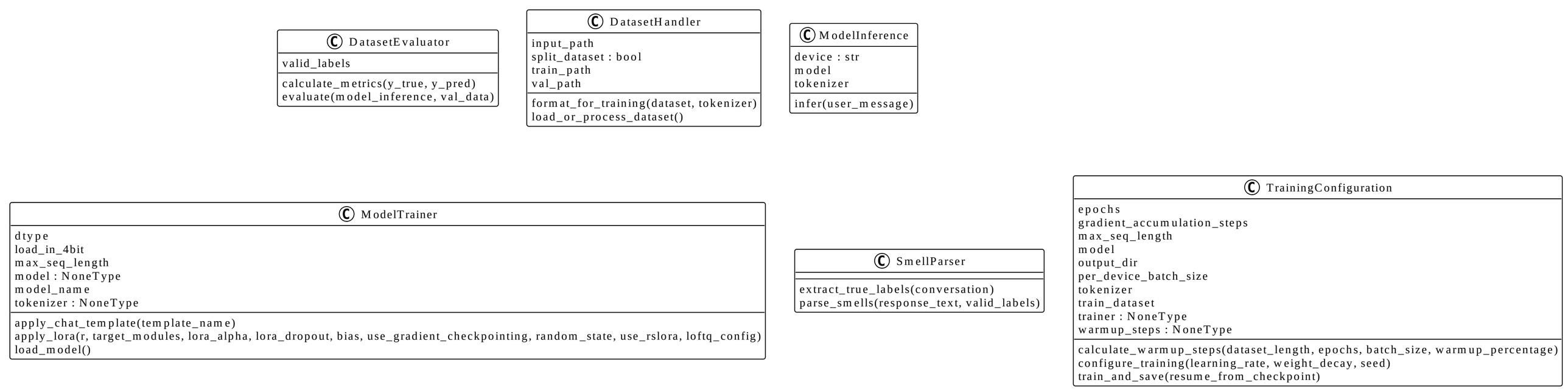
DatasetEvaluator
valid_labels
calculate_metrics(y_true, y_pred)
evaluate(model_inference, val_data)
DatasetHandler
input_path
split_dataset : bool
train_path
val_path
format_for_training(dataset, tokenizer)
load_or_process_dataset()
ModelInference
device : str
model
tokenizer
infer(user_message)
ModelTrainer
dtype
load_in_4bit
max_seq_length
model : NoneType
model_name
tokenizer : NoneType
apply_chat_template(template_name)
apply_lora(r, target_modules, lora_alpha, lora_dropout, bias, use_gradient_checkpointing, random_state, use_rslora, loftq_config)
load_model()
SmellParser
extract_true_labels(conversation)
parse_smells(response_text, valid_labels)
TrainingConfiguration
epochs
gradient_accumulation_steps
max_seq_length
model
output_dir
per_device_batch_size
tokenizer
train_dataset
trainer : NoneType
warmup_steps : NoneType
calculate_warmup_steps(dataset_length, epochs, batch_size, warmup_percentage)
configure_training(learning_rate, weight_decay, seed)
train_and_save(resume_from_checkpoint)