## sd-pipeline/components

## **Pipeline**

functions: Callable[] | None

- constructor(pipeline\_config: PipelineConfig | None, functions: Callable[] | None): self
- + init(pipeline\_config: PipelineConfig): Pipeline
- + step(self, module: Module, iterations: int): Pipeline
- + loop(self, pipeline: Pipeline, iterations: int): Pipeline
- + collect(self, module: Module, iterations: int): Pipeline
- + for\_each(self, pipeline: Pipeline) : Pipeline
- + parallel(self, \*pipelines: Pipeline): Pipeline
- + split(self, \*pipelines: Pipelines, split\_array: float[] | int[], type: str | None): Pipeline
- + flatten(self, depth: int | str | None): Pipeline
- + prepare(self, prepare: Callable): Pipeline
- + run(self): Dict[str, str | PIL.Image]
- \_inject\_image\_data(self, input\_data: Dict[str, str | PIL.Image] | Tuple[Dict[...]): Pipeline

## SubPipeline

- constructor(): self
- + init(): Pipeline

sd-pipeline-typing

**PipelineConfig**