tf.contrib.tpu.RunConfig

Class **RunConfig**

Inherits From: `RunConfig`

Defined in `tensorflow/contrib/tpu/python/tpu/tpu_config.py` .

RunConfig with TPU support.

Properties

`cluster_spec`

`evaluation_master`

`is_chief`

`keep_checkpoint_every_n_hours`

`keep_checkpoint_max`

`log_step_count_steps`

`master`

`model_dir`

`num_ps_replicas`

`num_worker_replicas`

`save_checkpoints_secs`

`save_checkpoints_steps`

`save_summary_steps`

`service`

Returns the platform defined (in TF_CONFIG) service dict.

`session_config`

`task_id`

`task_type`

`tf_random_seed`

`tpu_config`

Methods

`__init__`

```
__init__(
    tpu_config=None,
    evaluation_master='',
    master='',
    **kwargs
)
```

`replace`

```
replace(**kwargs)
```

Returns a new instance of `RunConfig` replacing specified properties.

Only the properties in the following list are allowed to be replaced: - `model_dir` . - `tf_random_seed` , - `save_summary_steps` , - `save_checkpoints_steps` , - `save_checkpoints_secs` , - `session_config` , - `keep_checkpoint_max` , - `keep_checkpoint_every_n_hours` , - `log_step_count_steps` ,

In addition, either `save_checkpoints_steps` or `save_checkpoints_secs` can be set (should not be both).

Args:

- `**kwargs` : keyword named properties with new values.

Raises:

- `ValueError` : If any property name in `kwargs` does not exist or is not allowed to be replaced, or both `save_checkpoints_steps` and `save_checkpoints_secs` are set.

Returns:

a new instance of `RunConfig` .

Last updated November 2, 2017.

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