tf.Variable.SaveSliceInfo

Class **SaveSliceInfo**

Defined in **tensorflow/python/ops/variables.py** .

Information on how to save this Variable as a slice.

Provides internal support for saving variables as slices of a larger variable. This API is not public and is subject to change.

Available properties:

- full_name
- full_shape
- var_offset
- var_shape

Properties

spec

Computes the spec string used for saving.

Methods

__init__

```
__init__(
    full_name=None,
    full_shape=None,
    var_offset=None,
    var_shape=None,
    save_slice_info_def=None,
    import_scope=None
)
```

Create a **SaveSliceInfo** .

Args:

- `full_name` : Name of the full variable of which this `Variable` is a slice.
- `full_shape` : Shape of the full variable, as a list of int.
- `var_offset` : Offset of this `Variable` into the full variable, as a list of int.
- `var_shape` : Shape of this `Variable` , as a list of int.
- `save_slice_info_def` : `SaveSliceInfoDef` protocol buffer. If not `None` , recreates the SaveSliceInfo object its contents. `save_slice_info_def` and other arguments are mutually exclusive.
- `import_scope` : Optional `string` . Name scope to add. Only used when initializing from protocol buffer.

to_proto

```
to_proto(export_scope=None)
```

Returns a SaveSliceInfoDef() proto.

Args:

- `export_scope` : Optional `string` . Name scope to remove.

Returns:

A `SaveSliceInfoDef` protocol buffer, or None if the `Variable` is not in the specified name scope.

Stay Connected

Blog

GitHub

Twitter

Support

Issue Tracker

Release Notes

Stack Overflow

English

Terms | Privacy