tf.contrib.bayesflow.stochastic_tensor.value_type

```
value_type(
    *args,
    **kwds
)
```

See the guide: BayesFlow Stochastic Tensors (contrib) > Stochastic Tensor Value Types

Creates a value type context for any StochasticTensor created within.

Typical usage:

```
with sg.value_type(sg.MeanValue(stop_gradients=True)):
  st = sg.StochasticTensor(tf.contrib.distributions.Normal, mu=mu,
                           sigma=sigma)
```

In the example above, `st.value()` (or equivalently, `tf.identity(st)`) will be the mean value of the Normal distribution, i.e., `mu` (possibly broadcasted to the shape of `sigma`). Furthermore, because the `MeanValue` was marked with `stop_gradients=True`, this value will have been wrapped in a `stop_gradients` call to disable any possible backpropagation.

Args:

- `dist_value_type`: An instance of `MeanValue`, `SampleValue`, or any other stochastic value type.

Yields:

A context for `StochasticTensor` objects that controls the value created when they are initialized.

Raises:

- `TypeError`: if `dist_value_type` is not an instance of a stochastic value type.

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