

tfdbg.WatchOptions

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`__init__`Class **WatchOptions**Defined in `tensorflow/python/debug/wrappers/framework.py`.Type for return values of `watch_fn`.

Methods

`__init__`

```
__init__(
    debug_ops=None,
    node_name_regex_whitelist=None,
    op_type_regex_whitelist=None,
    tensor_dtype_regex_whitelist=None,
    tolerate_debug_op_creation_failures=False
)
```

Constructor of WatchOptions: Debug watch options.

Used as return values of `watch_fn`s.

Args:

- `debug_ops`: (`str` or `list of str`) Debug ops to be used.
- `node_name_regex_whitelist`: Regular-expression whitelist for node_name, e.g., `"(weight_[0-9]+|bias_.*)"`
- `op_type_regex_whitelist`: Regular-expression whitelist for the op type of nodes, e.g., `"(Variable|Add)"`. If both `node_name_regex_whitelist` and `op_type_regex_whitelist` are set, the two filtering operations will occur in a logical **AND** relation. In other words, a node will be included if and only if it hits both whitelists.
- `tensor_dtype_regex_whitelist`: Regular-expression whitelist for Tensor data type, e.g., `"^int.*"`. This whitelist operates in logical **AND** relations to the two whitelists above.
- `tolerate_debug_op_creation_failures`: (`bool`) whether debug op creation failures (e.g., due to dtype incompatibility) are to be tolerated by not throwing exceptions.

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