tf.contrib.signal.inverse_stft

```
inverse_stft(
    stfts,
    frame_length,
    frame_step,
    fft_length=None,
    window_fn=functools.partial(window_ops.hann_window, periodic=True),
    name=None
)
```

Defined in `tensorflow/contrib/signal/python/ops/spectral_ops.py`.

Computes the inverse Short-time Fourier Transform of `stfts`.

Implemented with GPU-compatible ops and supports gradients.

Args:

- `stfts`: A `complex64 [..., frames, fft_unique_bins] Tensor` of STFT bins representing a batch of `fft_length`-point STFTs where `fft_unique_bins` is `fft_length // 2 + 1`
- `frame_length`: An integer scalar `Tensor`. The window length in samples.
- `frame_step`: An integer scalar `Tensor`. The number of samples to step.
- `fft_length`: An integer scalar `Tensor`. The size of the FFT that produced `stfts`. If not provided, uses the smallest power of 2 enclosing `frame_length`.
- `window_fn`: A callable that takes a window length and a `dtype` keyword argument and returns a `[window_length] Tensor` of samples in the provided datatype. If set to `None`, no windowing is used.
- `name`: An optional name for the operation.

Returns:

A `[..., samples] Tensor` of `float32` signals representing the inverse STFT for each input STFT in `stfts`.

Raises:

- `ValueError`: If `stfts` is not at least rank 2, `frame_length` is not scalar, `frame_step` is not scalar, or `fft_length` is not scalar.

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