

## tf.keras.utils.get\_file

```
get_file(
    fname,
    origin,
    untar=False,
    md5_hash=None,
    file_hash=None,
    cache_subdir='datasets',
    hash_algorithm='auto',
    extract=False,
    archive_format='auto',
    cache_dir=None
)
```

Defined in [tensorflow/python/keras/\\_impl/keras/utils/data\\_utils.py](#).

Downloads a file from a URL if it not already in the cache.

By default the file at the url `origin` is downloaded to the cache\_dir `~/.keras`, placed in the cache\_subdir `datasets`, and given the filename `fname`. The final location of a file `example.txt` would therefore be `~/.keras/datasets/example.txt`.

Files in tar, tar.gz, tar.bz, and zip formats can also be extracted. Passing a hash will verify the file after download. The command line programs `shasum` and `sha256sum` can compute the hash.

### Arguments:

- `fname`: Name of the file. If an absolute path `/path/to/file.txt` is specified the file will be saved at that location.
- `origin`: Original URL of the file.
- `untar`: Deprecated in favor of 'extract'. boolean, whether the file should be decompressed
- `md5_hash`: Deprecated in favor of 'file\_hash'. md5 hash of the file for verification
- `file_hash`: The expected hash string of the file after download. The sha256 and md5 hash algorithms are both supported.
- `cache_subdir`: Subdirectory under the Keras cache dir where the file is saved. If an absolute path `/path/to/folder` is specified the file will be saved at that location.
- `hash_algorithm`: Select the hash algorithm to verify the file. options are 'md5', 'sha256', and 'auto'. The default 'auto' detects the hash algorithm in use.
- `extract`: True tries extracting the file as an Archive, like tar or zip.
- `archive_format`: Archive format to try for extracting the file. Options are 'auto', 'tar', 'zip', and None. 'tar' includes tar, tar.gz, and tar.bz files. The default 'auto' is ['tar', 'zip']. None or an empty list will return no matches found.
- `cache_dir`: Location to store cached files, when None it defaults to the [Keras Directory](#).

### Returns:

Path to the downloaded file

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Last updated November 2, 2017.

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