# **[Research] lodash usage in opensearch dashboards**

Goal for this task:

* Identify and list Lodash functions used in the project: Go through our codebase and create a list of all Lodash functions that are being used.
* List all the methods we used from Lodash dependency

1. Lodash functions list in the project
2. All the methods from Lodash dependency

| \_.cloneDeepWith( value, customizer ) | OpenSearch-Dashboards/test/functional/services/common/browser.ts |
| --- | --- |
| \_.keyBy( collection, iteratee ) | OpenSearch-Dashboards/test/functional/page\_objects/management/saved\_objects\_page.ts  OpenSearch-Dashboards/test/functional/apps/management/\_import\_objects.js |
| \_.remove(array, function) | OpenSearch-Dashboards/test/functional/apps/visualize/\_chart\_types.ts |
| \_.get(object, path, [defaultValue]) | OpenSearch-Dashboards/test/common/services/deployment.ts  OpenSearch-Dashboards/test/api\_integration/apis/dql\_telemetry/**dql\_telemetry.js**  OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/**migrate\_app\_state.ts**  OpenSearch-Dashboards/src/plugins/visualizations/server/saved\_objects/visualization\_migrations.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/vis\_update\_state.js  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/build\_pipeline.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/expressions/visualization\_function.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/embeddable/visualize\_embeddable.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/components/visualization.tsx |
| \_.uniq(array)  \_.map( collection, iteratee ) | OpenSearch-Dashboards/test/api\_integration/apis/telemetry/**telemetry\_local.js** |
| \_.set(object, path, value)  -> @elastic/safer-lodash-set | OpenSearch-Dashboards/test/api\_integration/apis/saved\_objects/**migrations.ts**  OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/vis\_update\_state.js |
| \_.omit( object, paths ) | OpenSearch-Dashboards/test/api\_integration/apis/saved\_objects/**migrations.ts**  OpenSearch-Dashboards/test/api\_integration/apis/saved\_objects/**bulk\_update.js**  OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/**migrate\_app\_state.ts**  OpenSearch-Dashboards/src/plugins/visualizations/server/saved\_objects/visualization\_migrations.ts |
| \_.sortBy(collection, iteratees) | OpenSearch-Dashboards/test/api\_integration/apis/saved\_objects/**bulk\_update.js** |
| \_.isNull(value) | OpenSearch-Dashboards/tasks/**licenses\_csv\_report.js**  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/line\_chart.js  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.js |
| \_.isUndefined(value) | OpenSearch-Dashboards/tasks/**licenses\_csv\_report.js**  OpenSearch-Dashboards/src/plugins/visualizations/public/expressions/vis.ts |
| \_.assign( dest\_object, src\_obj ) | OpenSearch-Dashboards/src/test\_utils/**get\_url.js** |
| \_.pickBy( object, predicate ) | OpenSearch-Dashboards/src/test\_utils/**get\_url.js** |
| \_.pick( object, paths ) | OpenSearch-Dashboards/src/test\_utils/**get\_url.js** |
| \_.template( string, options ) | OpenSearch-Dashboards/src/setup\_node\_env/harden/lodash\_template.js |
| \_.cloneDeep( value ) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/use/use\_visualize\_app\_state.tsx  OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/get\_visualization\_instance.ts  OpenSearch-Dashboards/src/plugins/visualizations/server/saved\_objects/visualization\_migrations.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/vis\_update\_state.test.js  OpenSearch-Dashboards/src/plugins/visualizations/public/vis\_types/react\_vis\_type.test.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/vis\_update\_state.js  OpenSearch-Dashboards/src/plugins/visualizations/public/expressions/vis.ts  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/visualizations/public/embeddable/visualize\_embeddable.ts  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/visualizations/public/vis.ts |
| \_.isEqual( value1, value2) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/use/use\_visualize\_app\_state.tsx  OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/use/use\_editor\_updates.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/legacy/vis\_update\_state.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/visualizations/public/embeddable/visualize\_embeddable.ts |
| \_.has(object, path) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/migrate\_legacy\_query.ts  OpenSearch-Dashboards/src/plugins/visualizations/server/saved\_objects/visualization\_migrations.ts |
| \_.isFunction( value ) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/create\_visualize\_app\_state.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/expressions/vis.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/vis.ts  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/heatmap\_chart.test.js  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/area\_chart.test.js |
| \_.omitBy( object, predicate ) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/create\_visualize\_app\_state.ts |
| \_.union(\*arrays) | OpenSearch-Dashboards/src/plugins/visualize/public/application/utils/create\_visualize\_app\_state.ts |
| \_.countBy(collection, [iteratee=\_.identity]) | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts |
| \_.groupBy( collection, iteratee ) | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts |
| \_.mapValues( object, iteratee ) | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts |
| \_.max | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts |
| \_.min | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/line\_chart.js |
| \_.value | OpenSearch-Dashboards/src/plugins/visualizations/server/usage\_collector/get\_usage\_collector.ts |
| \_.flow( funcs ) | OpenSearch-Dashboards/src/plugins/visualizations/server/saved\_objects/visualization\_migrations.ts |
| \_.orderBy(collection, iteratees, orders) | OpenSearch-Dashboards/src/plugins/visualizations/public/wizard/type\_selection/type\_selection.tsx |
| \_.defaultsDeep(object, [sources]) | OpenSearch-Dashboards/src/plugins/visualizations/public/vis\_types/base\_vis\_type.ts  OpenSearch-Dashboards/src/plugins/visualizations/public/expressions/vis.ts  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/heatmap\_chart.test.js |
| \_.isPlainObject | OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts |
| \_.isString | OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts |
| \_.merge | OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts |
| \_.mergeWith | OpenSearch-Dashboards/src/plugins/visualizations/public/persisted\_state/persisted\_state.ts |
| \_.defaults | OpenSearch-Dashboards/src/plugins/visualizations/public/vis.ts  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/line\_chart.js  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/line\_chart.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/heatmap\_chart.js  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.js  OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/\_point\_series.js |
| \_.noop | OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/line\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/heatmap\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/area\_chart.test.js |
| \_.find | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/heatmap\_chart.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/\_point\_series.js |
| \_.isNumber | OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/column\_chart.test.js  /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/area\_chart.test.js |
| \_.forOwn | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series/area\_chart.test.js |
| \_.last | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/gauges/meter.js |
| \_.isObject | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/vis\_types.test.js |
| \_.uniqueId | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series.js |
| \_.identity | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series.js |
| \_.each | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/point\_series.js |
| \_.bind | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/visualizations/\_chart.js |
| \_.forEach |  |
| \_.flattenDeep | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/axis/y\_axis.test.js |
| \_.isDate | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/axis/x\_axis.test.js |
| \_.times | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/axis/axis\_scale.js |
| \_.reduce | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/axis/axis\_scale.js |
| \_.isNaN | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/axis/axis\_scale.js |
| \_.filter | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/handler.js |
| \_.memoize | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/handler.js |
| \_.first | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/dispatch.test.js |
| \_.pull | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/dispatch.js |
| \_.rest | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/dispatch.js |
| \_.size | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/dispatch.js |
| \_.reduce | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/dispatch.js |
| \_.uniqBy | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/data.js |
| \_.clone | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/data.js |
| \_.toArray | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/data.js |
| \_.escape | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/lib/chart\_title.js |
| \_.uniq | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/helpers/point\_series/\_init\_x\_axis.ts |
| \_.partial | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/zero\_injection/zero\_injection.test.js |
| \_.keys | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/zero\_injection/zero\_injection.test.js |
| \_.findIndex | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/zero\_injection/zero\_fill\_data\_array.js |
| \_.constant | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/tooltip.js |
| \_.once | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/tooltip.js |
| \_.random | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/position\_tooltip.test.js |
| \_.drop | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/position\_tooltip.test.js |
| \_.mergeWith | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/position\_tooltip.js |
| \_.forEachRight | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/\_hierarchical\_tooltip\_formatter.js |
| \_.repeat | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/tooltip/\_hierarchical\_tooltip\_formatter.js |
| \_.every | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/legend/legend.tsx |
| \_.findLast | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_default\_editor/public/components/sidebar/data\_tab.tsx |
| \_.compact | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/legend/legend.tsx |
| \_.chain | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/vislib/components/labels/labels.test.js |
| \_.upperFirst | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vislib/public/components/options/metrics\_axes/utils.ts |
| \_.flatten | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vega/public/lib/extract\_index\_pattern.ts |
| \_.isPlainObject | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_vega/public/data\_model/vega\_parser.ts |
| \_.sum | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/server/lib/vis\_data/response\_processors/table/\_series\_agg.js |
| \_.zip | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/server/lib/vis\_data/response\_processors/table/\_series\_agg.js |
| \_.startsWith | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/server/lib/vis\_data/response\_processors/series/time\_shift.js |
| \_.isEmpty | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/server/lib/vis\_data/response\_processors/annotations/buckets.js |
| \_.includes | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/server/lib/vis\_data/helpers/get\_sibling\_agg\_value.js |
| .\_gt, .\_gte, \_.lt | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/public/application/components/vis\_types/top\_n/vis.js |
| \_.snakeCase | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/public/application/components/lib/convert\_series\_to\_vars.js |
| \_.debounce | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/public/application/components/vis\_editor.js |
| \_.isBoolean | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeseries/public/application/components/add\_delete\_buttons.tsx |
| \_.mapValues | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/series\_functions/opensearch/lib/agg\_response\_to\_series\_list.js |
| \_.fill | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/series\_functions/aggregate/index.js |
| \_.fromPairs | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/lib/load\_functions.js |
| \_.extend | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/lib/functions\_md.js |
| \_.without | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/lib/functions\_md.js |
| \_.difference | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_timeline/server/handlers/lib/validate\_arg.js |
| \_.throttle | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/vis\_type\_tagcloud/public/components/tag\_cloud\_chart.tsx |
| \_.findLastIndex | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/timeline/public/directives/cells/collection.ts |
| \_.words | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/timeline/public/directives/saved\_object\_finder.js |
| \_.capitalize | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/timeline/public/directives/saved\_object\_finder.js |
| \_.assignIn | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/timeline/public/app.js |
| \_.round | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/tile\_map/public/tile\_map\_visualization.js |
| \_.trim |  |
| \_.trimStart | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/field\_formats/field\_format.test.ts |
| \_.trimEnd | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/field\_formats/field\_format.test.ts |
| \_.take | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/saved\_objects\_management/public/management\_section/objects\_table/components/flyout.tsx |
| \_.getField | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/saved\_objects\_management/public/management\_section/objects\_table/components/flyout.tsx |
| \_.mapKeys | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/saved\_objects\_management/public/lib/case\_conversion.ts |
| \_.padStart | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/opensearch\_ui\_shared/public/components/cron\_editor/cron\_editor.js |
| \_.pad | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/legacy/server/logging/log\_format\_string.js |
| \_.transform | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/opensearch\_dashboards\_utils/common/url/encode\_uri\_query.ts |
| \_.escapeRegExp | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/opensearch\_dashboards\_utils/common/field\_wildcard.ts |
| \_.parseInt | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/opensearch\_dashboards\_legacy/public/paginate/paginate.js |
| \_.intersection | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/index\_pattern\_management/public/components/field\_editor/field\_editor.tsx |
| \_.zipObject | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/expressions/common/expression\_types/specs/datatable.ts |
| \_.shuffle | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/server/index\_patterns/fetcher/lib/field\_capabilities/field\_capabilities.test.js |
| \_.hasIn | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/public/search/expressions/opensearchaggs.ts |
| \_.trimEnd | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/public/search/search\_interceptor.ts |
| \_.partition | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/public/query/timefilter/lib/extract\_time\_filter.ts |
| \_.take, \_.remove | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/public/query/persisted\_log/persisted\_log.ts |
| \_.reduceRight | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/public/query/filter\_manager/lib/map\_filter.ts |
| \_.findKey | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/search/tabify/buckets.ts |
| \_.setWith ->@elastic/safer-lodash-set | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/search/search\_source/search\_source.ts |
| \_.startCase | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/search/aggs/metrics/lib/make\_nested\_label.ts |
| \_.dropRight | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/search/aggs/metrics/top\_hit.test.ts |
| \_.reject | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/index\_patterns/index\_patterns/index\_pattern.ts |
| \_.truncate | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/data/common/field\_formats/converters/truncate.ts |
| \_.head | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/console/server/lib/opensearch\_proxy\_config.ts |
| \_.some | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/console/public/lib/autocomplete/components/list\_component.js |
| \_.sampleSize | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/plugins/charts/public/services/colors/mapped\_colors.ts |
| \_.toPath | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/legacy/utils/unset.ts |
| \_.range | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/fixtures/agg\_resp/geohash\_grid.js |
| \_.delay | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/cli\_plugin/install/rename.js |
| \_.padEnd | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/cli/help.js |
| \_.wrap | /Users/aigerimsuleimenova/Documents/AmazonOpenSearch/OpenSearch-Dashboards/src/cli/command.js |