

Dependency Graph Changelog

1.0.0 (Dec 5, 2023)

- Switched to use Map/Set rather than using raw objects as pseudo-Maps/Sets. (Fixes #46)
 - This is also the reason for the major version bump. While there are no functional changes, this library previously did not have any special requirements of the runtime. It now requires a runtime that supports Map/Set (which should be almost everything now in 2023).
- Ensure `circular` property is cloned during clone - thanks [andrew-healey](#) and [tintinthong](#)!

0.11.0 (March 5, 2021)

- Add `entryNodes` method that returns the nodes that nothing depends on - thanks [amcdnl](#)!

0.8.1 (December 3, 2019)

- Ensure all nodes are included in overallOrder when cycles are allowed. (Fixes #33)

0.9.0 (February 10, 2020)

- Rewrite the topological sort DFS to be more efficient (and work!) on large graphs.
- No longer uses recursion to avoid stack overflows with large/ deep graphs
- No longer is accidentally $O(N^2)$ (thanks [Willemein](#) for pointing this out!)

0.10.0 (January 9, 2021)

- Add directDependenciesOf and directDependenciesOf.
- Add directDependenciesOf methods for retrieving direct dependencies information. (Fixes #40)

0.3.0 (July 24, 2015)

- Fix issue where if you call `addNode` twice with the same name, it would clear all edges for that node. Now it will do nothing if a node with the specified name already exists. (Fixes #3)

0.2.1 (July 3, 2015)

- Fixed `removeNode` leaving references in `outgoingEdges` and reference to non-existent var `edges` - thanks [juhoha!](#)! (Fixes #2)

0.2.0 (May 1, 2015)

- Removed dependency on Underscore - thanks [myndzi!](#)! (Fixes #1)

0.1.0 (May 18, 2013)

- Initial Release - extracted out of asset-smasher

0.8.0 (December 11, 2018)

- Add a `DepGraphCycleError` with `cyclePath` property - thanks [jhugman!](#)

0.7.2 (August 30, 2018)

- Make constructor parameter optional in Typescript definition. (Fixes #26)

0.7.1 (June 5, 2018)

- Fix Typescript definition to include the new constructor arguments added in 0.7.0 - thanks [tbranyen!](#)

0.7.0 (January 17, 2018)

- Allow circular dependencies by passing in `{circular: true}` into the constructor - thanks [tbranyen!](#)

data associated with a node name. (Fixes #12)

- Add methods getNodeData and setNodeData to manipulate the #12)
- Add optional data parameter for the addNode method. (Fixes

0.5.0 (April 26, 2016)

Now exposes TypeScript type definition - thanks [Vangelis](#)!

0.5.1 (October 7, 2017)

- Add missing parameter in TypeScript definition. (Fixes #19)

0.5.2 (October 22, 2017)

- Add a clone method that will return the number of nodes in the graph.
- Add a size method that will only be shallow-copied. (Fixes #14)
- Any custom node data will only be shallow-copied. (Fixes #14)

0.6.0 (October 22, 2017)

array.
throw an error about a dependency cycle. It will return an empty array.

- Calling overallOrder on an empty graph will no longer determine which one)
- "one" of the two nodes did not exist and making you manually exist, the error will say which one it was (instead of saying that
- When calling addDependency if one of the nodes does not -> C -> a (Fixes #7)
- When a cycle is detected, the error message will now include the cycle in it. E.g. Dependency Cycle Found: a -> b
- Better error messages

0.4.0 (Aug 1, 2015)

order. (Fixes #8)

- Check all nodes for potential cycles when calculating overall

0.4.1 (Sept 3, 2015)

node data. (Fixes #12)

- Change the hasNode method to be able to cope with falsy