

```

import './mark-merge-commits-in-list.css';
import React from 'dom-chef';
import select from 'select-dom';
import {GitMergeIcon} from '@primer/octicons-react';
import * as pageDetect from 'github-url-detection';
import {objectEntries} from 'ts-extras';

import features from '../feature-manager';
import * as api from '../github-helpers/api';

const filterMergeCommits = async (commits: string[]): Promise<string[]> => {
  const {repository} = await api.v4(`
    repository() {
      ${commits.map((commit: string) => `
        ${api.escapeKey(commit)}: object(expression:
"${commit}") {
          ... on Commit {
            parents {
              totalCount
            }
          }
        }
      `).join('\n')}`
    );

  const mergeCommits = [];
  for (const [key, commit] of objectEntries(repository)) {
    if (commit.parents.totalCount >= 2) {
      mergeCommits.push(key.slice(1));
    }
  }

  return mergeCommits;
};

export function getCommitHash(commit: HTMLElement): string {
  return select('a.markdown-title', commit)!.pathname.split('/').pop()!;
}

async function init(): Promise<void> {
  const pageCommits = select.all([
    '.js-commits-list-item', // `isCommitList`
    '.js-timeline-item .TimelineItem:has(.octicon-git-commit)', //
    `isPRConversation`, "js-timeline-item" to exclude "isCommitList"
  ]);

  if (pageCommits.length === 0) {
    throw new Error('No commits found, selector likely out of date');
  }

  const mergeCommits = await filterMergeCommits(pageCommits.map(commit =>
getCommitHash(commit)));
  for (const commit of pageCommits) {
    if (mergeCommits.includes(getCommitHash(commit))) {
      commit.classList.add('rgh-merge-commit');
      select('a.markdown-title', commit)!.before(<GitMergeIcon
className="mr-1"/>);
    }
  }
}

void features.add(import.meta.url, {
  include: [

```

```
        pageDetect.isCommitList,  
        pageDetect.isPRConversation,  
        pageDetect.isCompare,  
    ],  
    deduplicate: 'has-rgh-inner',  
    init,  
});
```

```
/*
```

Test URLs

```
- isPRConversation: https://github.com/refined-github/refined-github/pull/6194  
- isPRCommitList: https://github.com/refined-github/refined-  
github/pull/6194/commits  
- isCommitList: https://github.com/babel/babel/commits/master?  
after=ddd40bf5c7ad8565fc990f26142f85613958a329+104  
- isCompare: https://github.com/refined-  
github/sandbox/compare/e8b25d3e...b3d0d992  
*/
```