



# CVE-2019-16277

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-16277                                                                                                           |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | cve@mitre.org                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2019-09-13 12:15:00 UTC                                                                                                  |
| <b>Updated</b>         | 2020-08-24 17:37:00 UTC                                                                                                  |
| <b>Description</b>     | PicoC 2.1 has a heap-based buffer overflow in StringStrcpy in cstdlib/string.c when called from ExpressionParseFunctionC |

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                        | Product               | Version | Update | Edition | Language |
|-------------|-------------------------------|-----------------------|---------|--------|---------|----------|
| Application | <a href="#">Picoc Project</a> | <a href="#">Picoc</a> | 2.1     | All    | All     | All      |
| Application | <a href="#">Picoc Project</a> | <a href="#">Picoc</a> | 2.1     | All    | All     | All      |

## References

| Reference                                                                                               | Source  | Link                         | Tags        |
|---------------------------------------------------------------------------------------------------------|---------|------------------------------|-------------|
| Heap-based buffer overflow in the StringStrcpy() function (#44) · Issues · Zik Saleeba / picoc · GitLab | MISC    | <a href="#">gitlab.com</a>   | Exploit, Is |
| CVE Program record                                                                                      | CVE.ORG | <a href="#">www.cve.org</a>  | canonical   |
| NVD vulnerability detail                                                                                | NVD     | <a href="#">nvd.nist.gov</a> | canonical   |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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