



VUEL

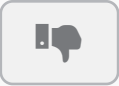
Warning: This feature is intended for advanced users only. Its use in all but the simplest test examples will require considerable coding by the user/developer. [User-Defined Elements](#) should be read before proceeding.

User subroutine [VUEL](#):

- will be called for each element that is of a general user-defined element type each time element calculations are required; and
- (or subroutines called by user subroutine [VUEL](#)) must perform all of the calculations for the element, appropriate to the current activity in the analysis.

This page discusses:

- [User Subroutine Interface](#)
- [Variables to Be Defined](#)
- [Variables Passed in for Information](#)
- [VUEL Conventions](#)
- [Usage with General Nonlinear Procedures](#)
- [Example: Structural User Element](#)



Is this page useful?

See Also

[UEL](#)

In Other Guides

- [User-Defined Elements](#)
- [User-Defined Element Library](#)
- [*UEL PROPERTY](#)
- [*USER ELEMENT](#)

Products: Abaqus/Explicit

User Subroutine Interface

```
SUBROUTINE VUEL(nblock,rhs,amass,dtimeStable,svars,nsvars,  
1          energy,  
2          nnode,ndofel,props,nprops,jprops,njprops,
```