

# FrontISTR FAQ

FrontISTR Commons

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## 1 FrontISTR FAQ

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### 1.1 General questions

#### 1.1.1 What is FrontISTR?

FrontISTR is an open-source structural analysis solver that can be used not only Windows and Linux PC clusters, but also on massively parallel supercomputers such as the K computer.

#### 1.1.2 Dose FrontISTR include a meshing tools or result visualization tool?

No, FrontISTR does not include meshing tools and visualization tools. The meshing tool and the result visualization require a separate pre-post tool.

#### 1.1.3 What pre-post tools are available that support it?

In the open-source tools.

- REVOCAP\_Prepost(up to Version 4.6)
- EasyISTR

and so on.

In commercial software.

- A
- B
- C

and others are supported.

#### 1.1.4 Where can I download FrontISTR from?

FrontISTR Group Download it from Download.

### **1.1.5 What is the license for FrontISTR?**

The license is MIT License.

### **1.1.6 Where can I find FrontISTR manual?**

Please see FrontISTR Manual.

## **1.2 About element types**

### **1.2.1 Default element type**

By default, hexahedral first-order elements are

- Linear analysis, Non-conforming elements
- Non-linear analysis, B-bar elements(< version 5.0a)
- Non-linear analysis, F-bar elements(>version 5.0b)