

## Freezing and forgetting in noForth

• The last word of the noForth kernel is NOFORTH\. It is defined as

```
SHIELD NOFORTH\
```

A SHIELD ('name' -- ) is similar to a MARKER. The only difference: a SHIELD does not forget itself, a MARKER does.

Some tool words ( DUMP . S WORDS SEE etc. ) are added above the kernel and are followed by their shield TOOLS.\ .

Now you want to add some new definitions:

```
FREEZE
```

When sent to noForth these definitions are compiled and FREEZE makes them resident. They will stay there even after a power off/on.

 What to do if you want to erase the just added and 'frozen' definitions?
Execute

```
TOOLS\
```

The just added definitions are now removed and the new situation is automatically frozen. 'Forgotten' addresses in noForth vectors are replaced by their default values.

Of course you can reload a selection of the tool words and protect them again with

```
SHIELD TOOLS\ FREEZE
```

( see end of the tools file )