hello.org

Hello World Program

This C program prints the string `Hello, world!` to standard output. It uses the C function `puts` that includes an invisible *newline* character `\n` at the end of the string.

The code is located in a GNU Emacs Org-mode code block named 1. It is run with the keys `C-c C-c` or the command `M-x org-babel-execute-src-block`.

To quickly insert a code block, you can use the template `<s TAB`.

The code block *header arguments* include:

HEADER ARG	MEANING
`C`	C source code block
`:main yes`	Embed code in `int main(void)` function
`:includes <stdio.h>`	Add pre-processor directive `#include <stdio.h>`
`:results output`	Print output to the screen (use C formats)
`:tangle hello.c`	Allow to tangle code as C file `hello.c`

```c
puts("Hello, world!");
```

```
Hello, world!
```

Author: Marcus Birkenkrahe [pledged]
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