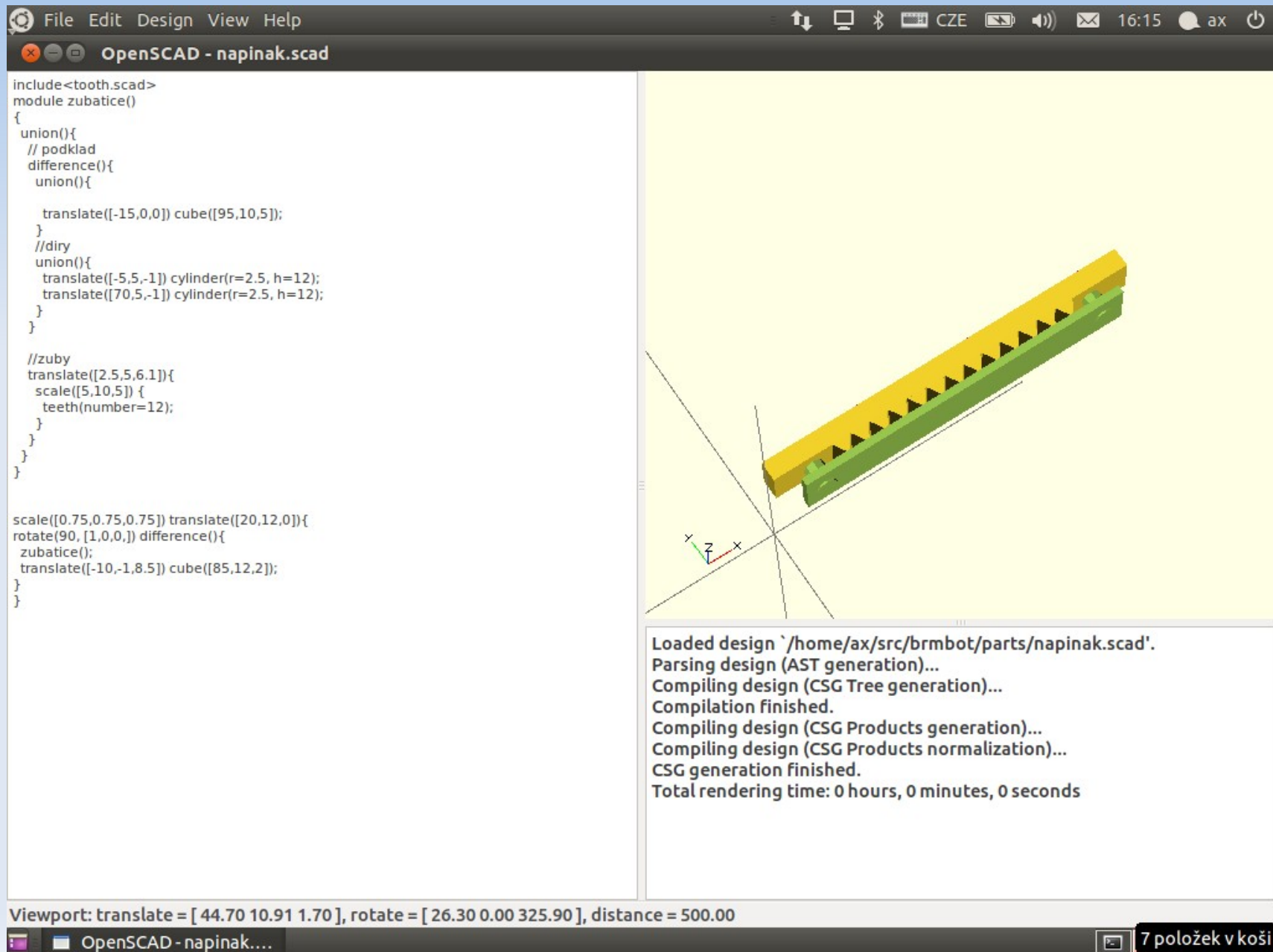


3D tisk v brmlabu

- Pochválit se že už tisknem
- Teda vlastně ne, ale...

Tvorba modelu



The screenshot displays the OpenSCAD software interface. The top menu bar includes 'File', 'Edit', 'Design', 'View', and 'Help'. The title bar reads 'OpenSCAD - napinak.scad'. The left pane contains the following SCAD code:

```
include<tooth.scad>
module zubatice()
{
  union(){
    // podklad
    difference(){
      union(){

        translate([-15,0,0]) cube([95,10,5]);
      }
      //diry
      union(){
        translate([-5,5,-1]) cylinder(r=2.5, h=12);
        translate([70,5,-1]) cylinder(r=2.5, h=12);
      }
    }

    //zuby
    translate([2.5,5,6.1]){
      scale([5,10,5]) {
        teeth(number=12);
      }
    }
  }
}

scale([0.75,0.75,0.75]) translate([20,12,0]){
  rotate(90, [1,0,0,]) difference(){
    zubatice();
    translate([-10,-1,8.5]) cube([85,12,2]);
  }
}
```

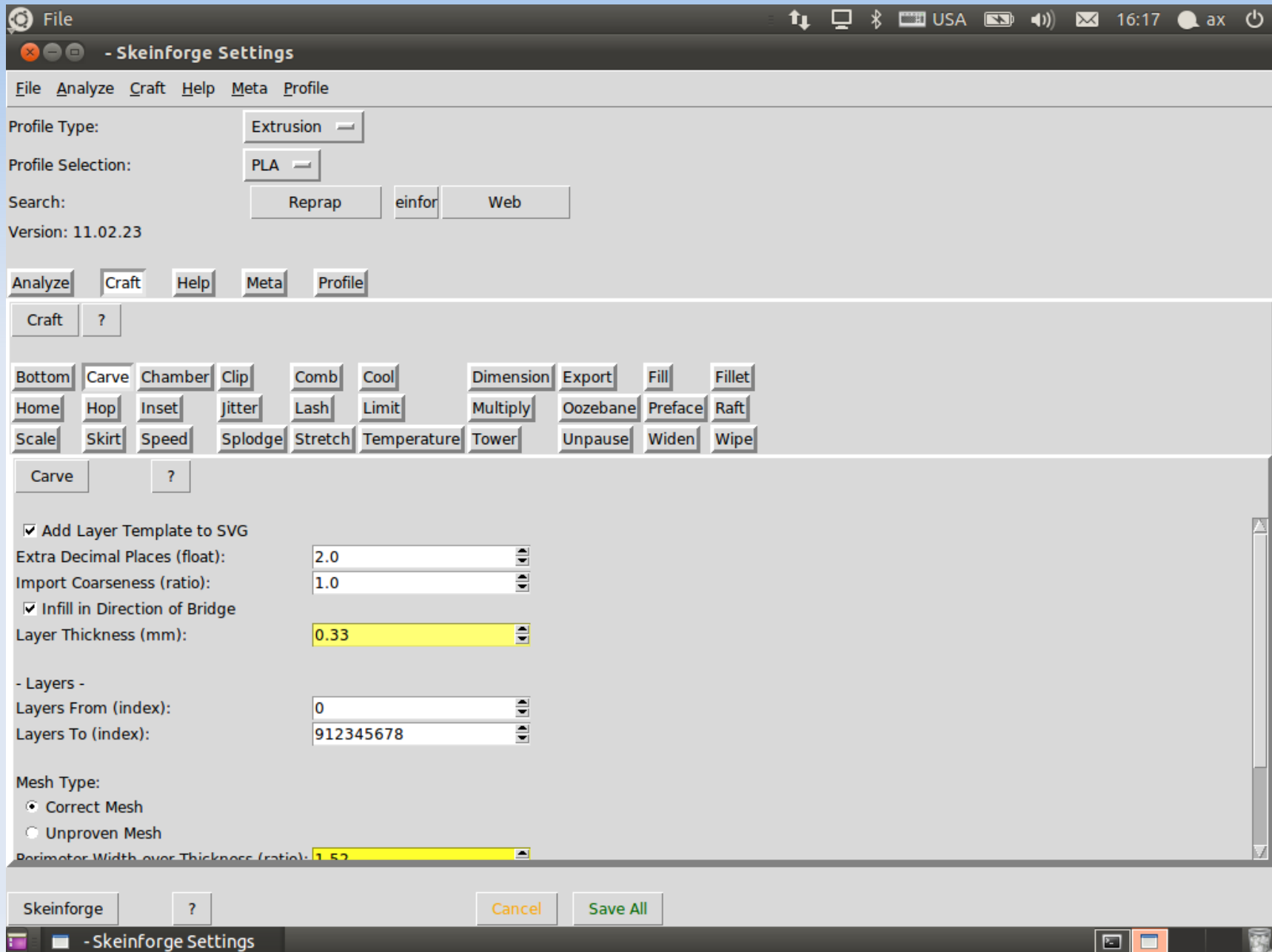
The right pane shows a 3D rendered model of a yellow gear-like component with 12 teeth, mounted on a green base. A coordinate system with x, y, and z axes is visible in the bottom-left corner of the viewport.

Below the viewport, a status bar displays the following information:

Loaded design `/home/ax/src/brmbot/parts/napinak.scad'.
Parsing design (AST generation)...
Compiling design (CSG Tree generation)...
Compilation finished.
Compiling design (CSG Products generation)...
Compiling design (CSG Products normalization)...
CSG generation finished.
Total rendering time: 0 hours, 0 minutes, 0 seconds

At the bottom of the window, the viewport settings are shown: Viewport: translate = [44.70 10.91 1.70], rotate = [26.30 0.00 325.90], distance = 500.00. The taskbar at the very bottom shows the application name 'OpenSCAD - napinak...' and a notification '7 položek v koši'.

Skeinforge



Gcode!

```
root@mailgate: ~ ✕ ax@web.natur.cu... ✕ ax@tukan:~ ✕ ax@zen: /home/s/... ✕ ax@opice: ~/src/r... ✕ napinak_export.g... ✕
G90
G21
M105
M113 S1.0
G1 X19.99 Y1.08 Z0.2 F600.0
G1 F9000.0
G1 E1.0
G1 F600.0
G92 E0
G1 X20.67 Y0.88 Z0.2 F720.0 E0.6763
G1 X23.6 Y1.05 Z0.2 F720.0 E3.5116
G1 X24.79 Y0.41 Z0.2 F720.0 E4.8142
G1 X25.48 Y1.08 Z0.2 F720.0 E5.7391
G1 X27.13 Y1.08 Z0.2 F720.0 E7.331
G1 X27.95 Y0.42 Z0.2 F720.0 E8.3438
G1 X28.94 Y1.04 Z0.2 F720.0 E9.4633
G1 X32.0 Y0.79 Z0.2 F720.0 E12.424
G1 X32.62 Y1.08 Z0.2 F720.0 E13.0788
G1 X38.66 Y1.08 Z0.2 F720.0 E18.8923
G1 X39.31 Y0.81 Z0.2 F720.0 E19.5735
G1 X42.34 Y1.04 Z0.2 F720.0 E22.4969
G1 X43.42 Y0.42 Z0.2 F720.0 E23.6976
G1 X44.17 Y1.08 Z0.2 F720.0 E24.6632
G1 X45.83 Y1.08 Z0.2 F720.0 E26.2621
G1 X46.58 Y0.42 Z0.2 F720.0 E27.2277
G1 X47.66 Y1.04 Z0.2 F720.0 E28.4284
G1 X50.69 Y0.81 Z0.2 F720.0 E31.3519
G1 X51.34 Y1.08 Z0.2 F720.0 E32.033
G1 X57.38 Y1.08 Z0.2 F720.0 E37.8466
G1 X58.0 Y0.79 Z0.2 F720.0 E38.5014
G1 X61.06 Y1.04 Z0.2 F720.0 E41.462
G1 X62.05 Y0.42 Z0.2 F720.0 E42.5816
G1 X63.63 Y1.69 Z0.2 F720.0 E44.5289
G1 X64.65 Y3.45 Z0.2 F720.0 E46.49
G1 X76.31 Y3.45 Z0.2 F720.0 E57.7174
G1 X76.8 Y5.55 Z0.2 F720.0 E59.7959
G1 X76.8 Y8.93 Z0.2 F720.0 E63.0517
G1 X76.18 Y10.8 Z0.2 F720.0 E64.9477
G1 X3.8 Y10.8 Z0.2 F720.0 E134.6446
G1 X1.95 Y9.63 Z0.2 F720.0 E136.7507
G1 X1.95 Y4.96 Z0.2 F720.0 E141.2543
G1 X3.63 Y3.45 Z0.2 F720.0 E143.4281
"napinak_export.gcode" 5704L, 183180C
```

Samotný tisk

The screenshot displays the RepSnapper software interface. The main window shows a 3D model of a printed part, likely a gear or a similar mechanical component, rendered in yellow and purple, positioned on a grid. The interface includes a menu bar (File, Edit) and a toolbar. The right-hand side features a control panel with various settings and buttons:

- Simple** | **Input file** | **GCode** | **Interactive** | **Print**
- Controls**
- Home:
- Home all
- Temperature display update interval: Enable
- Nozzle: heat on Current Target 200
- Bed: bed heat on Current Target 200
- Run extruder Reverse Downstream extrusion multi
- Extruder Length Downstream speed multi
- Speed
- Fan: Fan on Voltage
- Custom button1 through Custom button10
- Feedback: Errors Echo Info
- Communication Log: Errors / warnings Echo
- 16:20:47 Send >> Sending: M104 S200
- Auto scroll LogFiles Keep only the last # lines:
- Clear logs when print starts
- Clear logs now

The bottom status bar shows the system tray with icons for Skeinforge Settings, RepSnapper by Kulit..., and a shopping cart icon with 7 položek v koši.

- Konstatování zájmu
- Budoucnost 3d tisku v brmlabu
- Vlastní inovace