
Subject: Problem in dasher.cpp and proposed solution

Posted by [koldo](#) on Fri, 13 Apr 2012 14:02:11 GMT

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Hello Mirek

In dasher.cpp if the line drawn is very long, it enters in an almost endless loop.

```
void Dasher::Line(const Pointf& p)
{
    if(sum == 0) {
        PutLine(p);
        return;
    }
    Pointf v = p - p0;
    double len = Length(v);
    double pos = 0;
    while(pos + rem < len) {
        pos += rem;
        Put(pos / len * v + p0);
        flag = !flag;
        rem = (*pattern)[patterni];
        patterni = (patterni + 1) % pattern->GetCount();
    }
    rem -= len - pos;
    Put(p);
    p0 = p;
}
```

If "len" is very high, the program gets stuck in the while loop.

If you could limit this in any way, by limiting or len or the number of iterations of the while loop, the problem gets solved.

Thank you .
