

Introduction

This is a test of the syntax highlighting for the language AnB.

```
1  Protocol: Basic_Kerberos  # Bounded-verified
2
3  Types:
4      Agent    C,a,g,s;
5      Number   N1,N2,T1,T2,T3,Payload ,tag;
6      Function  hash,sk;
7      Symmetric_key  KCG,KCS
8
9  Knowledge:
10     C:  C, a, g, s, sk(C, a), hash, tag;
11     a:  a, g, hash, C, sk(C, a), sk(a, g), tag;
12     g:  a, g, sk(a, g), sk(g, s), hash, tag;
13     s:  g, s, sk(g, s), hash, tag
14
15  Actions:
16     C → a: C,g,N1
17     a → C: { KCG, C, T1 } sk(a,g),
18           { KCG, N1, T1, G } sk(C,a)
19     C → g: { KCG, C, T1 } sk(a,g),
20           { C,T1 } KCG,
21           s,N2
22     g → C: { KCS, C, T2 } sk(g,s),
23           { KCS, N2, T2, s } KCG
24     C → s: { KCS, C, T2 } sk(g,s),
25           { C, T3 } KCS
26     s → C: { T3 } KCS, { tag, Payload } KCS
27
28  Goals:
29     s •→• C: Payload
```