Tntnet is a applicationser!er "or 5e&applications 5ritten in c++. , 5e&application in tntnet is

```
name;
street;
city = “New York”;
int age;      // content of text-input is converte  to int
int sport!";  // mu#tip#e c$eck%oxes wit$ t$e same name on my form
</%args>
<& use t$e vector #ike t$is' &>
% for (sport)type''const)iterator it = sport*%egin(+; it ,=
sport*en (+; --it+ .
</ 0it />
% 1s ar
```

0

/ cpp-pag . T0ey ar iden#

To 9uery attri&us o"a component you need t'etc0re"erenced it 5it0 "etcmpo 0C0 ' ass a
componetideti"ier to "etc0Comp and use0teetood get , ttri&ute 5it0 name-parameter to
retrie!e0te !alue. xdMp|43ˆ"M8 3 ‹%ri&ute: dMQ%8Tnt11es

st ''string v =

& !

(ometimes 5e&applications need some con"iguration e.g. a data&ase-url. Instead o" 0ardcoding it, t0e application can put it into t0e con"iguration"ile o" tntnet.

Con"iguration!aria&les read t0is 5ay can contain only a single !alue.

To speci"y a !aria&le, put a ODcon"igP-&loc* into your component. Inside de"ine a !aria&le my putting t0e name an1 0ionally a de"ault !alue separate5 it0 @ an0 e• inateP0e de"inition 5it0 FC.

/xample:

```
<%co
 %ur# = “ ata%ase=my %”;
<%%co
```

To se0t0e d&url-parameter put S

o&›ect to it. 1e"ore catc0 call sa!epoint::commit(). I" t0e commit is not reac0ed, &ecause a exception 0appened, t0e sa!epoint-o&›ect rolls &ac* t0e output to t0e point, 50ere it 5as instantiated.

/xample:

```
<.
  try
  .
    tnt''savepoint mysavepoint;
1>
   <form>
    <input type="text" name="va#ue" va#ue="</ o%Aect*getCa#ue(+ />">
   </form>
<.
    mysavepoint*commit(+;
  1
  catc$ (const your) %exception3 e+
  .
1>
    <p c#ass="error">?  ata%ase-error occure ' </e*w$at/></p>
<.
  1
1>
```

santi=t 0e /ag ca e t

In case o&›ect.getTalue() t0ro5s a ;yourKd&e

$

B 0en de!eloping ecpp-components you 0a!e to &ear in mind, t0at Tntnet is mul