

XML

XML DTD XML DTD XML XML .

XML DTD .

DTD :

```
<!DOCTYPE element DTD identifier  
[  
  declaration1  
  declaration2  
  .....  
>
```

- DTD < DOCTYPE .
- .
- **DTD** **URL** **DTD** .
- [] .

DTD

DTD DTD XML DTD XML yes .

DTD :

```
<!DOCTYPE root-element [element-declarations]>
```

.

DTD :

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  
<!DOCTYPE address [  
  <!ELEMENT address (name,company,phone)>  
  <!ELEMENT name (#PCDATA)>
```

```

<!ELEMENT company (#PCDATA)>
<!ELEMENT phone (#PCDATA)>
]>
<address>
  <name>Tanmay Patil</name>
  <company>TutorialsPoint</company>
  <phone>(011) 123-4567</phone>
</address>

```

:

- XML

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
```

DTD - XML header , DOCTYPE:

```
<!DOCTYPE address [
```

TDOCTYPE DOCTYPE DTD XML .

DTD - DOCTYPE DTD :

```

<!ELEMENT address (name,company,phone)>
<!ELEMENT name (#PCDATA)>
<!ELEMENT company (#PCDATA)>
<!ELEMENT phone_no (#PCDATA)>

```

< > < #PCDATA > “#PCDATA” #PCDATA .

- DTD]> XML .

- XML -
- DOCTYPE .
- .

DTD

DTD XML .dtd URL DTD XML standalone no .

DTD:

```
<!DOCTYPE root-element SYSTEM "file-name">
```

filename.dtd .

DTD :

```
<?xml version="1.0" encoding="UTF-8" standalone="no" ?>
<!DOCTYPE address SYSTEM "address.dtd">
<address>
  <name>Tanmay Patil</name>
  <company>TutorialsPoint</company>
  <phone>(011) 123-4567</phone>
</address>
```

DTD address.dtd :

```
<!ELEMENT address (name,company,phone)>
<!ELEMENT name (#PCDATA)>
<!ELEMENT company (#PCDATA)>
<!ELEMENT phone (#PCDATA)>
```

DTD.

DTD :

```
<!DOCTYPE name SYSTEM "address.dtd" [...]>
```

URI .

DTD :

```
<!DOCTYPE name PUBLIC "-//Beginning XML//DTD Address Example//EN">
```

public

FPI.