




## Some DCE Background

- Services:

Threads, RPC, Local & Global Directory, Time, Files

- Names such as:

`/. . . / umich . edu / fs / home / normanb`  

 junction

## Tk - Session Manager

- A Tk application with DCE extensions

- Manages well known location in DCE name space

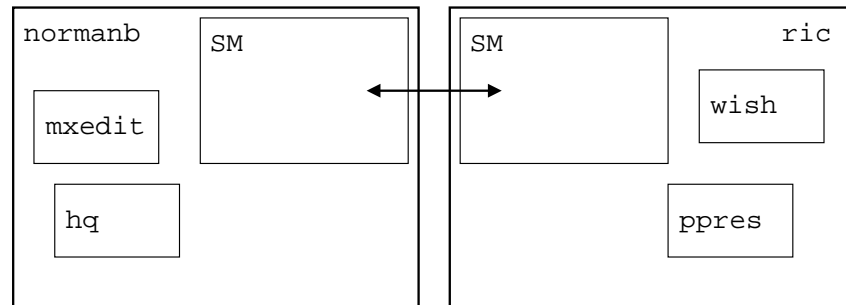
`/. . . / umich . edu / users / normanb`

## Tk - SM (cont.)

- Creates proxies for communication

- Uses DCE RPC for security

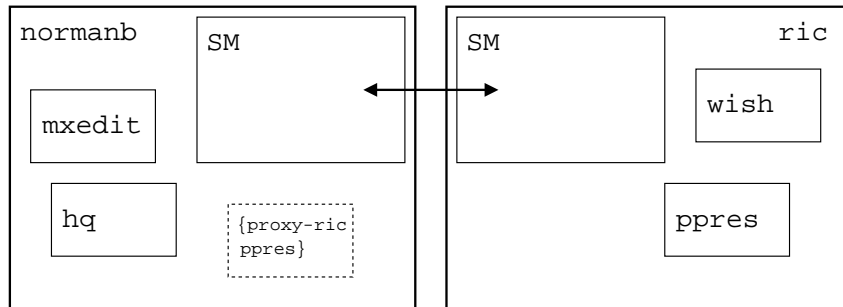
## Proxies



Registry:  
 SM, mxedit, hq

Registry:  
 SM, wish, ppres

## Proxies (cont.)



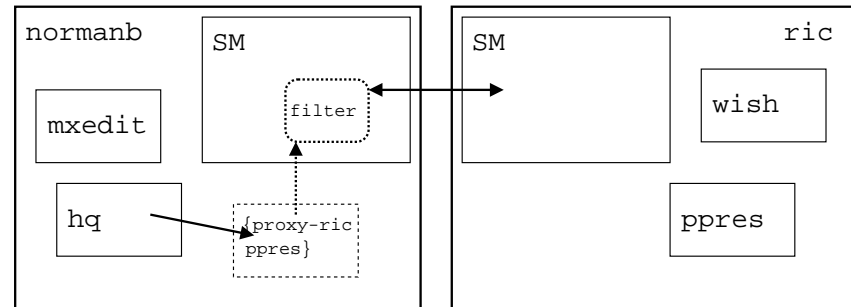
Registry:

```
SM, mxedit, hq,
{proxy-ric ppres}
```

Registry:

```
SM, wish, ppres
```

## Proxies (cont.)



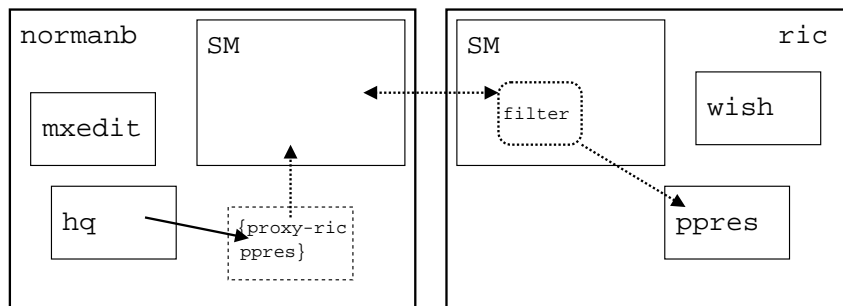
Registry:

```
SM, mxedit, hq,
{proxy-ric ppres}
```

Registry:

```
SM, wish, ppres
```

## Proxies (cont.)



Registry:

```
SM, mxedit, hq,
{proxy-ric ppres}
```

Registry:

```
SM, wish, ppres
```

## Tk - SM (cont.)

- A user profile for common requests

```
send SM EDIT foo.c line 96
```

```
send SM DEBUG foo.c break-pt 96
```

- Interaction with ToolTalk, SoftBench, COSE, etc.

