li atio e elo me t it E je

 $T^{\dagger}t^{\dagger}e$ : Applicati evel pme t wit  $T^{\dagger}$  E e

Su title

## entent

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## pter 1

#### ee er ie

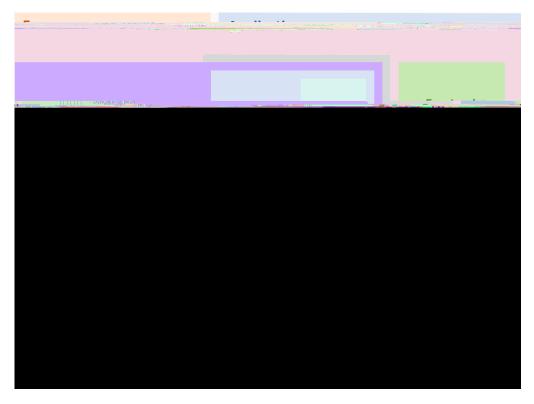
- Structure ii a raplical applicati . Ii we lastir u ii tie cale ii same ii tie may pe surce applicati samailable, we calii mast ii tiem si are a camma structure. This chapter i trauces the rea er tasai structure, tatie cale cept ii a Ewe tale paali was es itale ii teracti betwee ii rmaa ii ii u cti
- ... Dec mp si tre fir ti . There are i ere tappr aches t the creati fi Graph-

#### pter

# Stru ture of grpi I ppli tion

S ... y u wa t t create a GU applicati ? assume s si ce y u cl se tlis b sa as i structive, r at least batlr m, material. u c ul le "GU" a "library" t lieel werwlelme by tle lar e umber le ewel pme t libraries avilable. As y u le tlr u l'tle s urce le y ur pe s urce) law rites y u will reali e tlat all letlem, a tle applicati s tlat use tlem, slare a c le)--33c Structule. 31 se)-2 7 i s)-2 c lapter)-2 w)2 realibrate

la ua e. e case, a AP was use by the applicati exel per t assemble i termace eleme to firm mm reprimitive bects, i the there case the AP was use t i clue bects alrealy either by a library. A your est a termace bect bey simplistic style militation in the submitter by the esi er to the exel per. The i early utomate es were by slightly less ifficult that be having the exit early with the intermace bects a their composition in a like exit ment, like a web exel per es, was pretty much utility able.



T ay, Ec re e c mpasses a l list **i** m ules pr perly amespace a pre**i**xe wit **i** 

### pter 4

## T e found tion in pr ti e

y p i ti ut trat tre E li re me t F u ati libraries are esi e i a b ect rie te ma er wis  $\mathbf{r}$  t t raise tre wrat  $\mathbf{r}$  purists but t simplify tre me tal ima e  $\mathbf{r}$  tre structure  $\mathbf{r}$  tre  $\mathbf{r}$  AP i tre rea er's ima i ati .

wtlattle pitclil rks are back i tle bar all w me t putiti m re clear terms witl a simple example:

```
Ewa _ b e t %button = LL
button = ed e_ob e t_add(ewa anwa)
ed e_ob e t_file_ et(button, "the e.ed ", "button")
```

This is a simple sippet that culbe translate it a more sitactically speaki) bectorie te la ua e like Pyth as:

```
button = Ewa _ b e t()
button.ffle_ et("the e.ed ","button")
```

Tre i ere ces betwee tu allys ippces c ul be ctee itserxntæst me t p2T 32 p2TF∎)-33p2Ti bar s. u 33 limre ua e me t 21)- 33 bul)]TJlas

y effault, Ec re aware ess is limite t system si als like HUP r K ■■. A iti al