

```

EZip3vs_@{ $\mathcal{F}_-$ ,  $\mathcal{E}_-$ } := PPEZip3@Module [
  {n $\mathcal{E}$ , n $\mathcal{F}$ , rc, ps, rr = {(*release rules*)}, FVS},
  rc = 0; n $\mathcal{E}$  = Total [
    CoefficientRules[#, vs] /.
      (ps_  $\rightarrow$  c_)  $\Rightarrow$  (AppendTo[rr, c $\mathcal{E}$ [++rc]  $\rightarrow$  c];
      c $\mathcal{E}$ [rc]  $\times$  (Times @@ vsps))
  ] & /@  $\mathcal{E}$ ;
  rc = 0; FVS = F /@ vs;
  n $\mathcal{F}$  = Total [CoefficientRules[ $\mathcal{F}$ , FVS] /.
    (ps_  $\rightarrow$  c_)  $\Rightarrow$  (AppendTo[rr, c $\mathcal{F}$ [++rc]  $\rightarrow$  c];
      c $\mathcal{F}$ [rc]  $\times$  (Times @@ FVSps)) ];
  CF[Expand[{n $\mathcal{F}$ , n $\mathcal{E}$ } // Zip3vs_] /. rr]
]

```