

```

adPower[x_, k_, Env_][c_*y_] /; MemberQ[$Basis, y] := CF[c adPower[x, k, Env][y]];
adPower[x_, k_, Env_][y_Plus] := adPower[x, k, Env] /@ y;
adPower[_ , 0, Env_][y_] := y;
adPower[x_, k_, Env_][0] = 0;
adPower[x_, k_, Env_][y_] /; MemberQ[$Basis, y] :=
    adPower[x, k, Env][y] = B[adPower[x, k - 1, Env][y], x];
adPower[x_, k_][y_] := adPower[x, k, {$Algebra, $k}][y];

```