

BES Platform

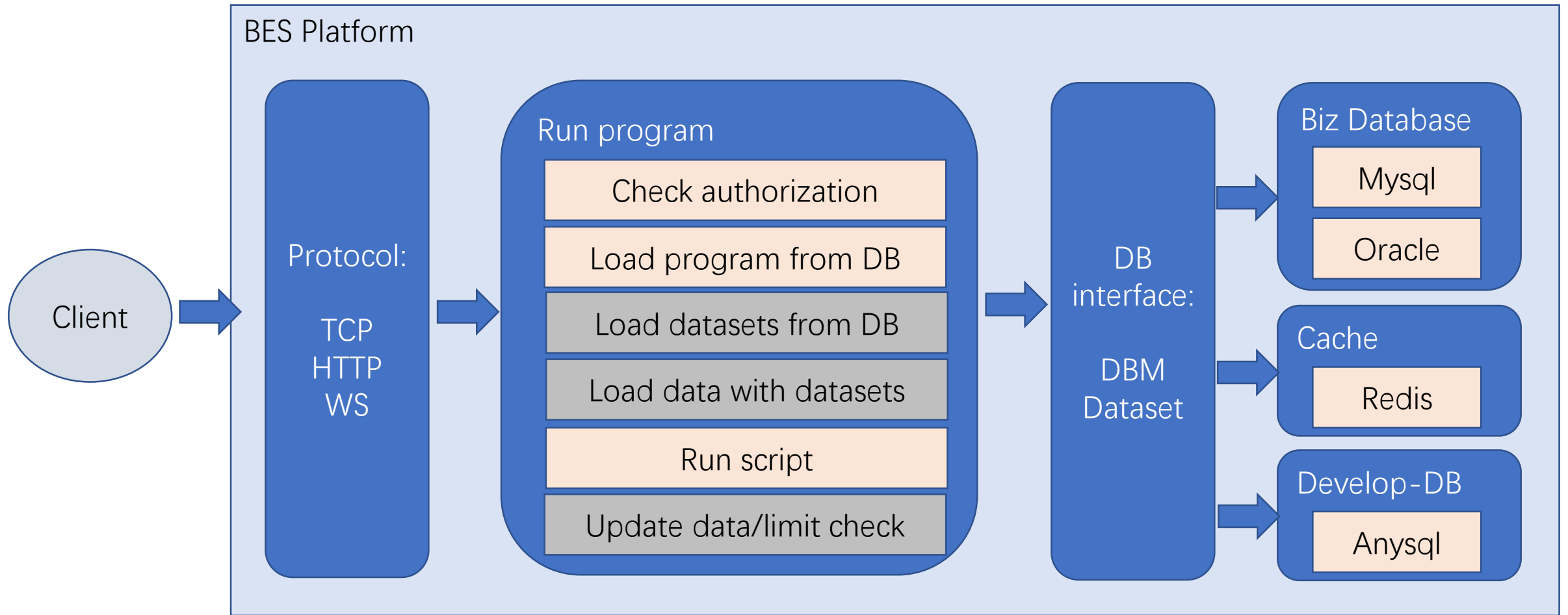
Introduction

Mar 3, 2018

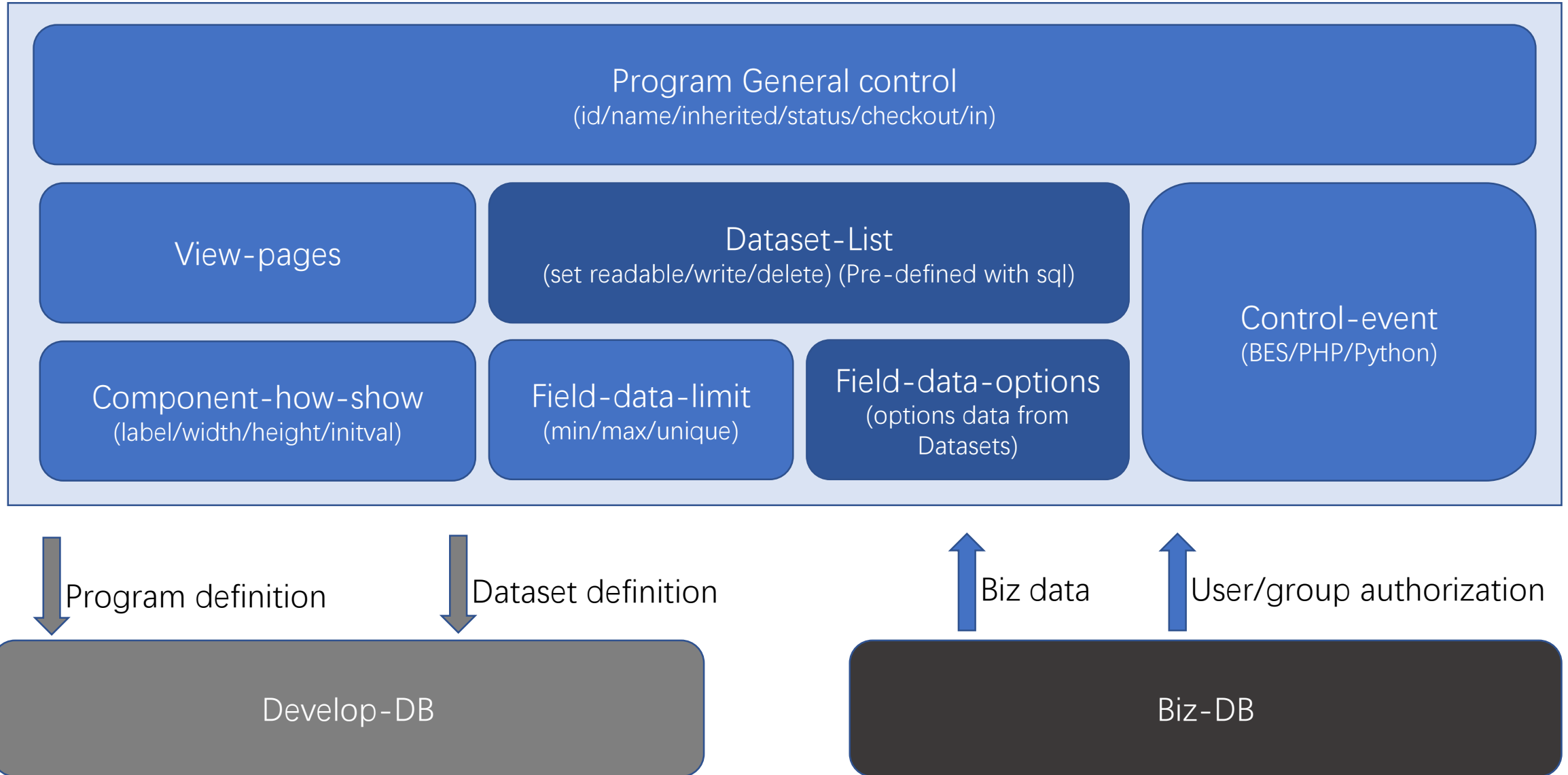
BES Platform Overview

- A comprehensive platform made in china
- As development tool for frontend and backend program
 - Define a program quickly, supports check-in and check-out
 - Supports inheritable program, unified pre-defined dataset object
 - Have a BES script language, embeds PHP language, Python language
 - Save to DB, build and release package easily
- As server for alpha test , beta test and production environment
 - Supports tcpip/http/websocket protocol
 - Embed authorization management: user/role/group, field&data-query/update
 - Unify DB API and DBM buffer for easily and quickly accessing DB data
 - Support multiple app servers and multiple containers and multiple DBs

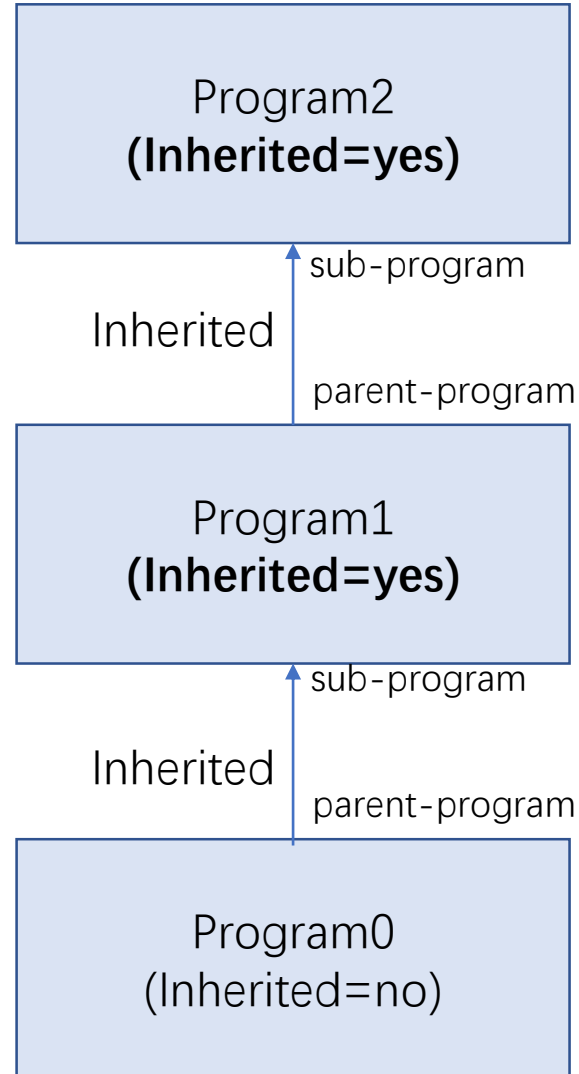
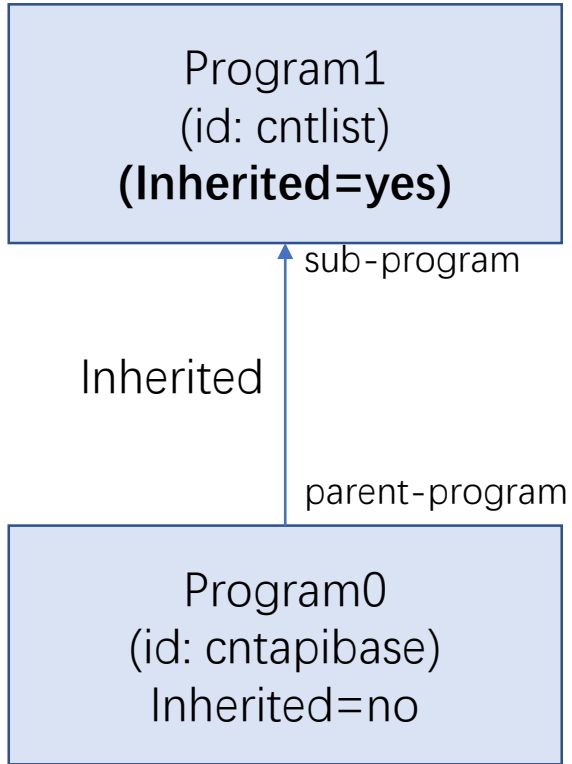
BES Platform Hierarchy



BES Program structure



BES Program inherit property



BES Script Language-part1

- **Syntax**

- If...endif
- if...else...endif
- while...endwhile, break, continue
- exit('true/false')
- exitif(ok?, 'true/false/variant', msg)
- Function name()...endfunction
- Do (event)
- call function-name()
- call variant = function-name()
- varDef variant-name
- varDef variant-name:Tobject
- <?php...?>
- <?python...?>
- include [program/event script]

- **Variant**

- #ts[name]: global auto-defined variant
- #to[name]: global auto-defined object variant
- #i[name]: global simple variant
- #c[name]: system object
- #m(expression): macro variant
- @[name]: system variant/content(read only)
- #vs[name]: local defined variant
- #vo[name]: local defined object variant

BES Script Language-part2

- **System object**

- #cProg/\$cProg: Program object
- #cData/\$cData: Program data object
- #cEnv/\$cEnv: system environment object
- #cWeb/\$cWeb: HTTP object
- #cGft/\$cGft: general functions object

- **System event name**

- srv_pgviewretrieve_pre: pre-deal for read method from http client
- srv_pgviewretrieve_pro: pro-deal for read method from http client
- srv_pgsave_pre: pre-deal for update from client
- srv_pgsave_pro: pro-deal for update from client
- srv_function_[name]: defined backend functions
- srv_[name]: defined backend event script