F2P: Free to Program

Enhancing programming languages with loot-boxes and microtransactions

Act 1 Starter Bundle

Get a head start as you walk into Mordor with powerful Gear and a boost to your XP.

- 3 Gold Loot Chests
- 1 Gold War Chest
- 2 Two-Hour XP Boosts

QTY 1

Cost 425

Starter Bundle Discount 50%

Current	0
Subtotal	425
Remaining	-425

Purchase Back

SELECT AN UNLOCK TO PREVIEW!
[redacted]
0
CHEERS, LOVE
PREVIEW
SPRAY
[redacted]
PRESS ENTER TO CHAT
YOU HAVE 0 LOOT BOXES
OPEN LOOT BOX
SHOP
ESCAPE
BACK

Treasure

Sack of Gems

2500

$19.99

Box of Gems

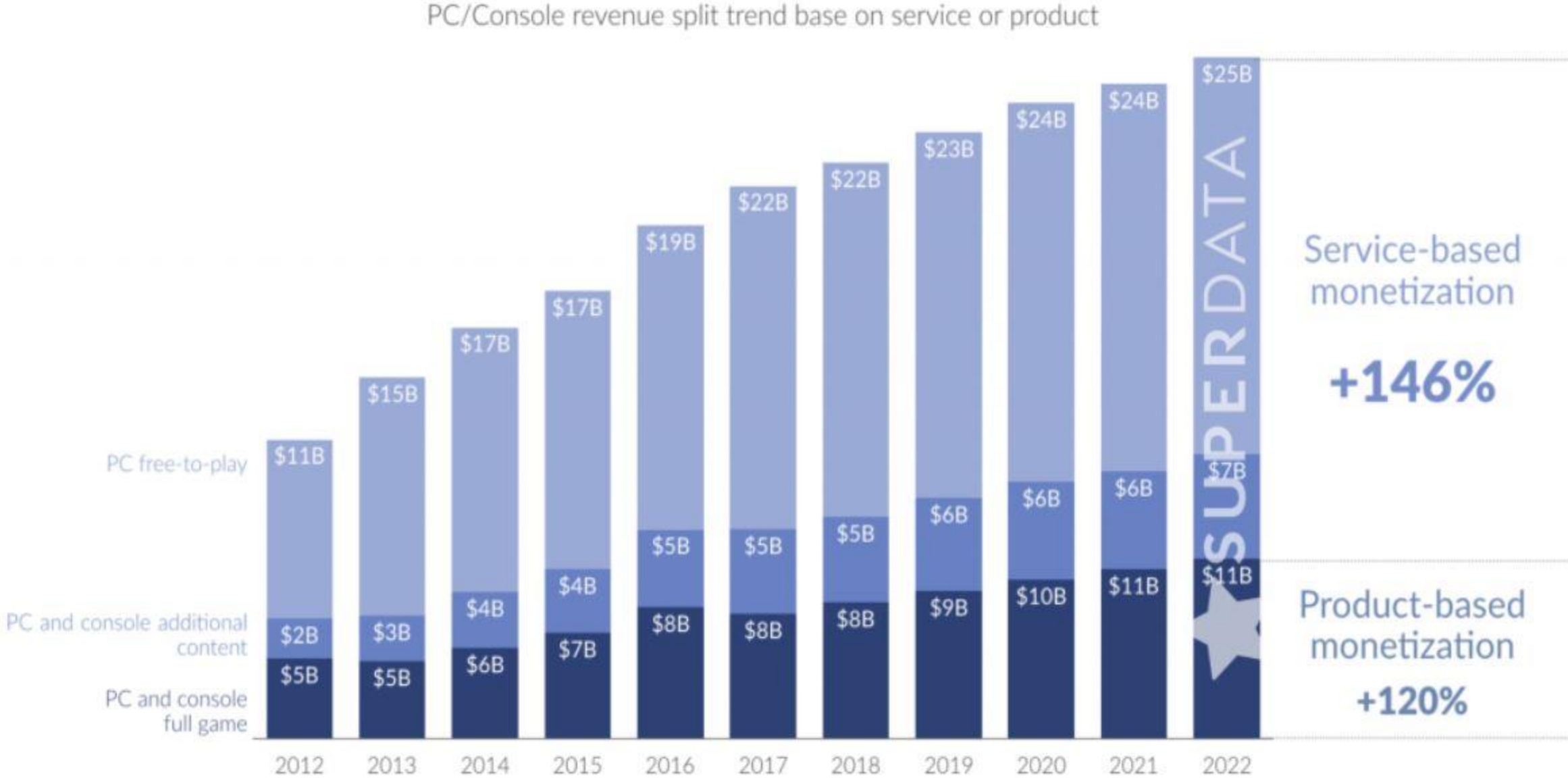
6500

$49.99

Chest of Gems

14000

$99.99


PC/Console revenue split trend base on service or product
PC free-to-play
PC and console additional content
PC and console full game
$11B
$2B
$5B
$15B
$3B
$5B
$17B
$4B
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$9B
$24B
$6B
$10B
$24B
$6B
$11B
$25B
$7B
$11B
SUPERDATA
Service-based monetization
+146%
Product-based monetization
+120%
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022

Introducing C$$

- A new free-to-program language

- C$$ starts with a basic set of language features*
  - variables (int, float, string)
  - if-statements
  - foreach loops
  - functions (call-by-value and call-by-reference)
  - vector, map

*Additional features unlocked via loot-boxes

kdevplatform - [kdevplatform:plugins/execute/nativeappconfig.cpp] — KDevelop

Session Project Run Navigation | File Edit Tools View Bookmarks Code | Window Settings Help

Purchase more bits and bytes!

Code

Build Execute Debug Stop All Stop New Save Save As Undo Redo Commit... Quick Open... Outline...

Classes Documents Projects

Projects

- bazaar
- classbrowser
- codeutils
- contextbrowser
- cvs
- documentswitcher
- documentview
- execute
  - kdevexecute
  - CMakeLists.txt
  - debug.h
  - executeplugin.cpp
  - executeplugin.h
  - iexecuteplugin.h
  - kdevexecute.json
  - Messages.sh
  - nativeappconfig.cpp
  - nativeappconfig.h
  - nativeappconfig.ui
  - nativeappjob.cpp
  - nativeappjob.h
  - projecttargetscomb...
  - projecttargetscomb...
- executescript
- externalscript
- filemanager
- filetemplates
- genericprojectmanager
- git
- grepview
- konsole
- openwith

Build Sequence

Name	Path
kdevplatf...	kdevplatform

Quests!

Write or edit 50 lines of code!

Reward: 4 Bits

COLLECT

Complete the `int` tutorial!

Reward: `long`

COLLECT

Complete all other daily quests!

Reward: 4 Bytes

COLLECT

Line: 1 Col: 1

External Scripts Template Preview Documentation

Show Imports Scope: Current Document

Problem	Source	File	Line	Column
TODO: Make sure to auto-add the executable target to the dependencies when its used.	To-do	nativeappconfig.cpp	68	3
TODO: we probably want to flexibilize, but at least we won't be accepting wrong values anymore	To-do	nativeappconfig.cpp	415	5

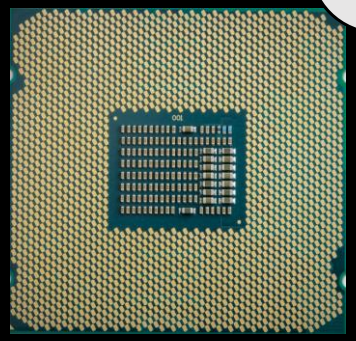
Problems

Parser (2)

Problems Code Browser Build Konsole

5%

2



goto

lib boost

while

SHOP

Benefits of C$$

- Restricts new programmers to a safer, easier to learn language
  - Quests help them build familiarity before learning new features
- $$$$$$$$$$$
  - Money to support dedicated language/compiler developers and support staff
- Research opportunities
  - Placing a monetary value on language features would provide interesting feedback on which features programmers truly value