

私のEbitengineの第一歩

Ebitengine ぷちConf #3

30 October 2024

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Okayama, Japan

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X (Twitter) : [@qt_luigi](https://twitter.com/qt_luigi)

Portfolio : sites.google.com/view/ryuji-iwata-portfolio

作者の星さんとの出会い

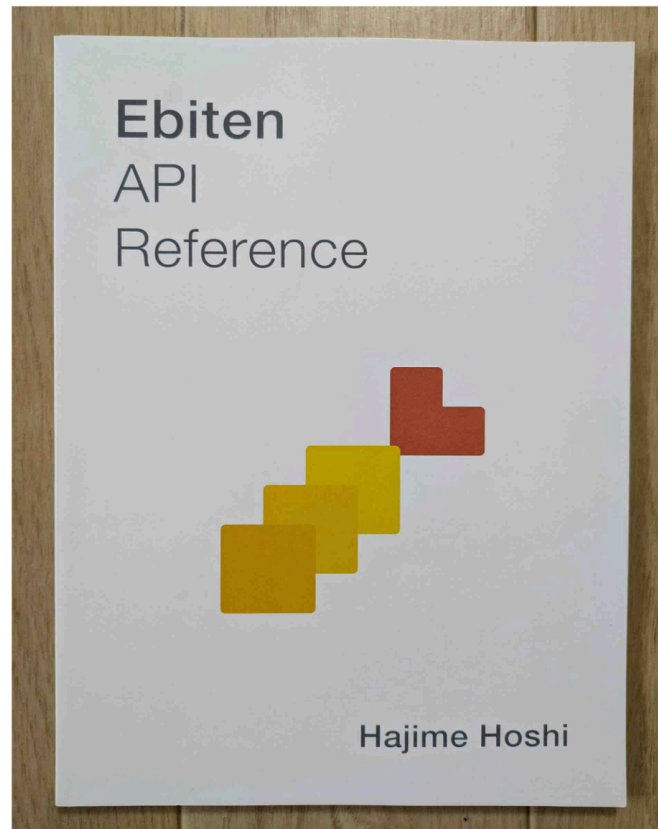
- 2019年5月18日(土)に東京で開催された「Go Conference 2019 Spring」が最初。
- 朝イチの特別企画にトークする側で参加していた際に、会場から質問を頂く。

gocon.connpass.com/event/124530/

The screenshot shows the event page for "Go Conference 2019 Spring" on the Connpass platform. The page includes a navigation bar with "connpass" and "イベント検索" (Event Search). Below the navigation bar, there are several announcement banners. The main content area features the event title "Go Conference 2019 Spring" with a date of "5月18" (May 18) and a star icon. The event is organized by "GoCon幹事". A large illustration of a blue and black character with a "GO" logo on its head is displayed. Below the illustration, the event details are listed: "First Come First Served / 先着順" (Free, 78/50 seats) and "Lottery / 抽選" (Free, 443/180 seats). On the right side, there is a "グループ" (Group) section for "Gophers Japan" with 56 event seats and 8564 members. Below this, there are event details for "2019/05/18(土) 09:30 ~ 19:30" at "Googleカレッジ" and "iCSカフェ".

Ebiten API Reference

- 夜の懇親会では、持ち合わせておられたAPIリファレンス書籍を手渡しで直購入。



Ebitengineでのゲーム作りにチャレンジ

- 2021年12月26日(日)の「香川Go言語 わいわい会 (GAMEを作ろう)#3」が最初。
- 2022年1月8日(土)の「香川Go言語 わいわい会(GAMEを作ろう) #4」で完成。

gdgshikoku.connpass.com/event/233968/

The screenshot shows the Connpass event page for '香川Go言語 わいわい会(GAMEを作ろう) #4'. The page features a header with the Connpass logo, a search bar, and a '新規イベント' button. Below the header, there are several announcement banners. The main event details include the date '1月8日', the title '香川Go言語 わいわい会(GAMEを作ろう) #4', and the organizer '主催: GDG Shikoku'. A central image shows a cartoon illustration of a computer monitor with a brain inside, surrounded by colorful characters. To the right, there is a 'グループ' section for 'GDG Shikoku' with 110 events and 617 members. Below that, the event date is listed as '2022/01/08(土) 13:30 ~ 17:00'. The page also includes a 'ハッシュタグ' section with '#gdgshikoku' and a '募集内容' section indicating 'オンライン' and '無料'.

スカッシュゲームを作ろう！

- 小学生の時に購入した、すがやみつる先生の書籍「こんにちはマイコン」に掲載。
- N60-BASICでスカッシュゲームを作成する流れがマンガで解説されていた。
- これをEbitengineで実装してみよう！

csbs.shogakukan.co.jp/book?book_group_id=18598

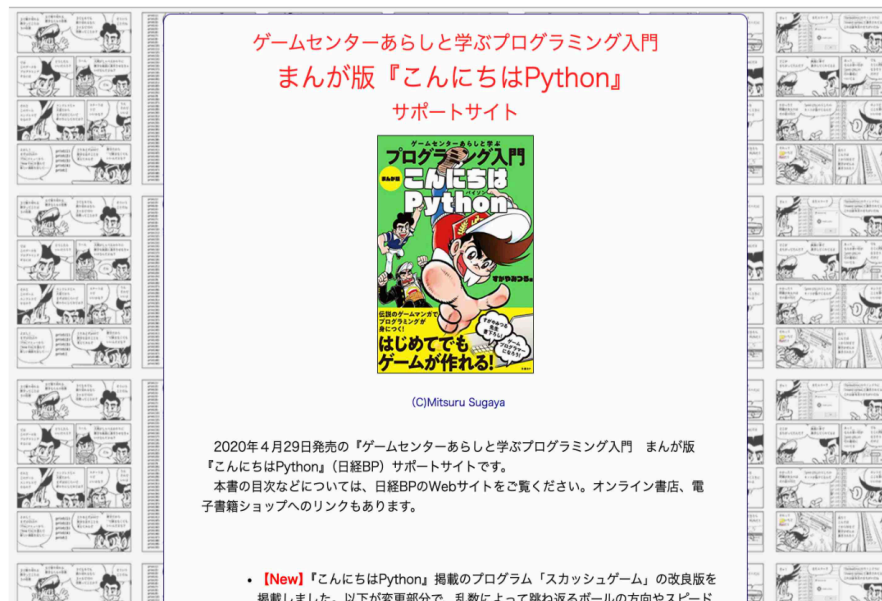


The screenshot shows the 'Shogakukan eComic Store' website. At the top, there is a search bar and navigation links for 'Web限定コミック', '新入荷', 'ジャンル', 'ランキング', '待ってタグ読み', and '無料コミック'. A large promotional banner in the center reads '新規会員登録で好きな作品が50%ポイント還元!!!!'. Below the banner, the product page for 'まんが版 こんにちはマイコン 1巻' is displayed. The cover art features a computer keyboard and the title 'マイコン'. The author is listed as 'すがやみつる' and the publisher as '月刊コロコロコミック'. The price is 530pt/583円 (税込), and the first purchase includes a 265pt discount. There are buttons for '試し読み' and '購入する'. At the bottom, a small text block states: '1982年に発行されて累計50万部以上のベストセラーとなり、日本のIT業界の礎を築いた名作コミックが電子書籍で復活！'

こんにちはPython

- 2020年4月29日に書籍「こんにちはマイコン」がPython対応した形で発売。
- サポートサイトにてPythonのソースコードが公開されている。
- これをGoに移植する形でEbitengineで実装することに。

m-sugaya.jp/manga_python/



The screenshot shows a webpage for the manga 'こんにちはPython'. The page features a central banner with the title and a character illustration. Below the banner, there is a copyright notice for Mitsuru Sugaya and a paragraph of introductory text. At the bottom, a small red box highlights a new update regarding a program modification.

ゲームセンターあらしと学ぶプログラミング入門
まんが版『こんにちはPython』
サポートサイト

ゲームセンターあらしと学ぶ
プログラミング入門
こんにちは
Python

はじめてでも
ゲームが作れる!

(C)Mitsuru Sugaya

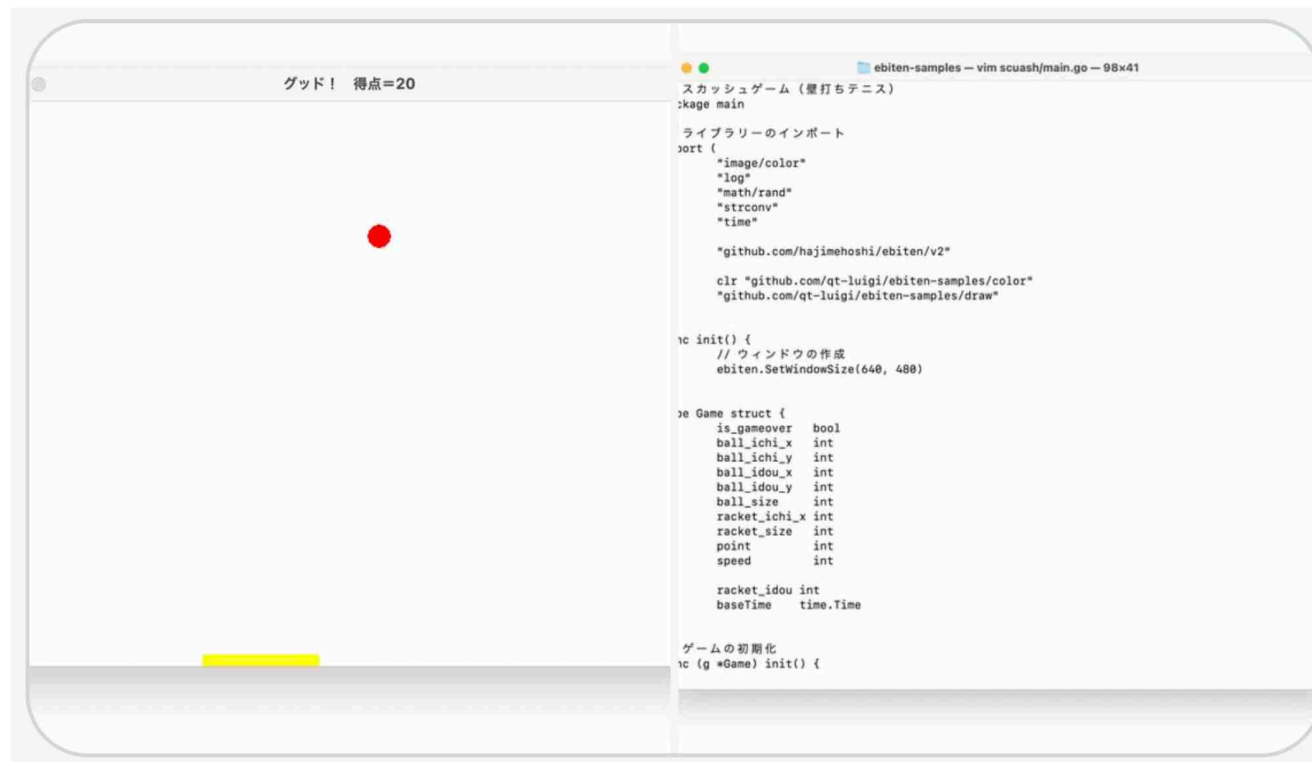
2020年4月29日発売の『ゲームセンターあらしと学ぶプログラミング入門 まんが版
『こんにちはPython』(日経BP) サポートサイトです。
本書の目次などについては、日経BPのWebサイトをご覧ください。オンライン書店、電
子書籍ショップへのリンクもあります。

- **[New]**『こんにちはPython』掲載のプログラム「スカッシュゲーム」の改良版を
掲載しました。以下が変更部分で、乱数によって跳ね返るボールの方向やスピード

成果物

- スカッシュゲーム

github.com/qt-luigi/scuash



せっかく移植したので公開したい！

- すがやみつる先生にお伺いをたてて、了承を頂きました。

x.com/qt_luigi/status/1480118935962152963

Ryuji Iwata @qt_luigi · 2022年1月9日

@msugaya すがやさん初めまして。自分が最初にゲームを作る時は「こんにちはマイコン」のテニスゲームを移植するつもりでしたが今回プログラミング言語Goでゲームを作成する機会がありPython版を移植しました。作成したGo版のソースコードを自分のGitHubに掲載することは可能でしょうか？

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        VB["main_test.go"]
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        ZU["main.go"]
        ZV["main_test.go"]
        ZW["main.go"]
        ZX["main_test.go"]
        ZY["main.go"]
        ZZ["main_test.go"]
    end
```

Ryuji Iwata @qt_luigi · 2022年1月9日

Go製オープンソースの2Dゲームライブラリー「Ebiten」を使って作成しました。GitHubへの掲載が可能になった際には、すがやさんから承諾を得られたことや「こんにちはPython」の紹介なども記載させていただきます。私のGitHubはこちらになります。ご検討よろしくお願ひ致します。

github.com
qt-luigi - Overview
qt-luigi has 57 repositories available. Follow their code on GitHub.

Ryuji Iwata @qt_luigi · 2022年1月9日

また本Goコードを使ったGo入門ハンズオンも開催したいと思っています。私はGoやEbitenなどの固有の処理部分の解説をメインに行い、処理の流れについてはテキストとして「こんにちはPython」を参照して頂くことを考えています。こちら合わせて許可のご検討をお願い致します。

すがやみつる @msugaya · 2022年1月9日

はい、このような使用方法でしたら、いずれもまったく問題ありません。このように発展していくことは大歓迎です。どしどし使ってください。

Ryuji Iwata @qt_luigi · 2022年1月9日

お返事のみならず快諾もして頂き、有難うございます！m(_ _)m 当時を思い出しながらPython版で二度感動しながら楽しく実装できました。少しでもICTコミュニティに役立てられるよう活用して行きます。(すがや先生にツイートするだけでもかなりドキドキでした！)

すがやみつる @msugaya

はい。お気軽におつき合いください。何ごとも先人の知恵があってこそです。マンガもプログラミングも同じだと思っています。一緒に巨人の肩の上に立ちましょ(^_^)。

午後10:08 · 2022年1月9日

Thank you

Ryuji Iwata
Okayama, Japan
[@qt_luigi](#)