

'You don't know Slack'



07.15.16

charleston digital corridor

Russell Niller IV

Who Am I...



COLLEGE *of*
CHARLESTON





```
<?php  
for ($i = 1; $i <= 10; $i++) {  
    echo $i;  
}
```

```
switch ($i) {  
    case 0:  
        echo "equals 0";  
    case 1:  
        echo "equals 1";  
    case 2:  
        echo "equals 2";  
}
```

```
for ($i = 1; $i <= 10; $i++) {  
    if ($i % 2 == 0) {  
        echo $i . " is even";  
    } else {  
        echo $i . " is odd";  
    }  
}
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        echo $i . " is odd";  
    }  
}
```

```
$one = array("10", "20", "30", "40");  
$two = array("a", "b", "c", "d");
```

```
<?php  
for ($i1 = 0; $i1 < 2; $i1++) {  
    // Loop 1  
    for ($i2 = 0; $i2 < 2; $i2++) {  
        // Loop 2  
        switch ($i2 % 2) {  
            case 0:  
                continue;  
                break;  
            case 1:  
                echo "Loop 1: " . $i1 . " Loop 2: " . $i2 . "  
                print " [ $i2 ] <br>";  
            }  
        }  
    }  
    print $i1 . " <br>";  
}
```

```
switch ($i) {  
    case 0:  
        echo "equals 0";  
        break;  
    case 1:  
        echo "equals 1";  
        break;  
    case 2:  
        echo "equals 2";  
        break;  
}
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PROGRAMMER







2009



jack russell software



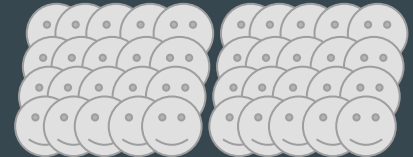
2010



2014



2016



Finally...

Let's talk about Slack

What is Slack?

Central Hub for:

- Communication
- File Sharing
- Alerting
- Messaging
- Integrations
- Tools
- Comprehensive searching

The screenshot displays a Slack workspace interface. On the left, a sidebar shows the workspace name "Charleston Tech..." and a list of channels: #general (selected), #happyhour, #introductions, #jobs, and #techevents. Below the channels is a list of direct messages with names like slackbot, russell.niller (you), antsanders, bob, bryanchappell, crmullins, grue, jackdietrich, robert, rphuber, and soteria_chris. The main area shows a conversation in the #general channel. The channel header indicates 715 members and a description: "Discussion on just about any topic, mostly favorite cable services a...". A "Yesterday" separator is visible. The conversation includes a message from "lawrence" at 11:01 AM saying "it was a bit ago" with a thumbs-up reaction. A message from "mcg" at 11:04 AM includes a link to "https://archive.org/details/internetarcade" and a smiley face. Below this is a link preview for "Internet Arcade : Free Software : Download & Streaming : Internet Archive" with a description: "The Internet Arcade is a web-based library of arcade (coin-operated) video games from the 1970s through to the 1990s, emulated in JSMESS, part of the JSMESS software package. Containing hundreds of games ranging through many different genres and styles, the Arcade provides research, comparison,...". A message from "imabug" at 11:06 AM says "spent more than a few hours there" with a smiley face. A message from "soteria_chris" at 11:17 AM says "There's a small arcade / bar opening up in charleston they have a few consoles and arcade machines". A message from "sofaking1337" at 11:18 AM says "heard some buzz about that, any word on where/when?". A final message from "soteria_chris" at 11:18 AM is partially visible. On the right, an "About #general" panel shows channel details, 6 pinned items, and a list of 10/715 members including acargile, baird.hall, cpeacock, eric.weidman, jmar777, mitchell, mlane, pjbutler, russell.niller (you), voodoo, aaroncarpenter, and abembecker.

What's so great about it?

Setup & Usability

Team Settings

Team settings for acme.slack.com. You can also [manage your team members and roles](#).

Settings

Permissions

Authentication

Attachments

Team Sign Up Mode

Set how new team members find your team and sign up.

Default Channels

Every new member of your team will automatically join **#general**. You can specify additional channels for new members to join automatically here.

Username Policy

Set guidelines for usernames that will be shown to new users when they create their account

Username/Real Name Display

By default, Slack displays members' usernames: short nicknames which are all lowercase and contain spaces. You can instead choose to set your team's default to display members' real first and last names.

Require "@" for mentions


By default, Slack highlights mentions to a team member when a message includes their username with or without an "@" sign prefix. You can require that the "@" sign be included in order to

The screenshot shows a Slack channel interface for "Acme Sites". The channel list on the left includes "# general" and "# random" under "CHANNELS (16)", and "slackbot" under "DIRECT MESSAGES (19)". A green callout box is overlaid on the channel list, containing the text: "These are your channels", "Channels are chat rooms created by people in your Slack team. You've been added to some channels already. Channels can be public or private, and you can join any public channel in Acme Sites.", and a "Got it!" button. Below the callout, the chat history shows a message from "slackbot" at 10:07 AM: "Hello, I'm Slackbot. I try to be helpful. (But I'm still just a bot. Sorry!) Type something to get started." followed by a message from "Samuel Rodriguez" at 10:07 AM: "something". Another message from "slackbot" at 10:07 AM follows: "Pleasure to meet you. Let me show you a couple things about Slack." The interface includes a search bar at the bottom and a "Today" separator.


Configurable Notifications

January 22nd

Notification Preferences: #monitoring ✕

 **Desktop notifications**


- Activity of any kind
- Mentions of my name or highlight words (default)
- Nothing

 **Mobile push notifications**

- Activity of any kind
- Mentions of my name or highlight words (default)
- Nothing

@channel notifications

- Suppress notifications for @channel and @here mentions

 **Mute this channel**

Muting prevents all notifications from this channel and prevents the channel from appearing as unread unless you are mentioned.

Set your default notifications settings in your [Account Preferences](#)

Done

left #monitoring along with @bhancox

Integrations

slack | App Directory

Browse Manage Build

CareKinesis

Make Slack even better.

All the tools you use for work, in one place.

Find a new app, or a service you already use

Featured

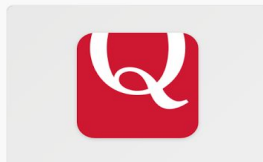
Top Apps
All Buttoned Up
New & Noteworthy
Brilliant Bots

Categories

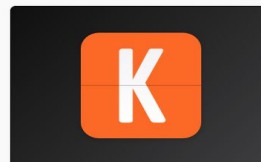
Bots
Analytics
Communication
Customer Support
Design
Developer Tools
File Management



sugarbot
Customer Support



Qualtrics
Communication



KAYAK
Travel

All Buttoned Up

[See all](#)



Trello
Communication



Abacus
Office Management



PagerDuty
Developer Tools



jenkins BOT 11:16 AM

EireneRx » Develop » Deploy - #956 Starting... after 8 sec and counting ([Open](#))



jenkins BOT 11:30 AM

EireneRx » Develop » Deploy - #956 Success after 14 min ([Open](#))



github BOT 11:33 AM ☆



[[eirenerx:staging](#)] [20 new commits](#) by Peter [redacted] and 1 other:

- [1bd3ec8](#) added reviewed by option [ERXDEV-776] - Peter [redacted]
- [7e62204](#) add passed params [ERXDEV-776] - Peter [redacted]
- [046a909](#) added params for new data structure [ERXDEV-776] - Peter [redacted]
- [e7a69bb](#) changed link to look at today [ERXDEV-776] - Peter [redacted]
- [53a1343](#) added delivery ntoe and mar note to messages - Raj [redacted]

[Show more...](#)



jenkins BOT 11:35 AM

Culture & Fun!



slackbot 2:28 PM



Jeremy

3:15 PM

if



&&



then



.deport(



)

assert



Mark

2:50 PM

Good lord. I need a beer today.



3



2



3



2



1



Tejay
shipit

2:25 PM



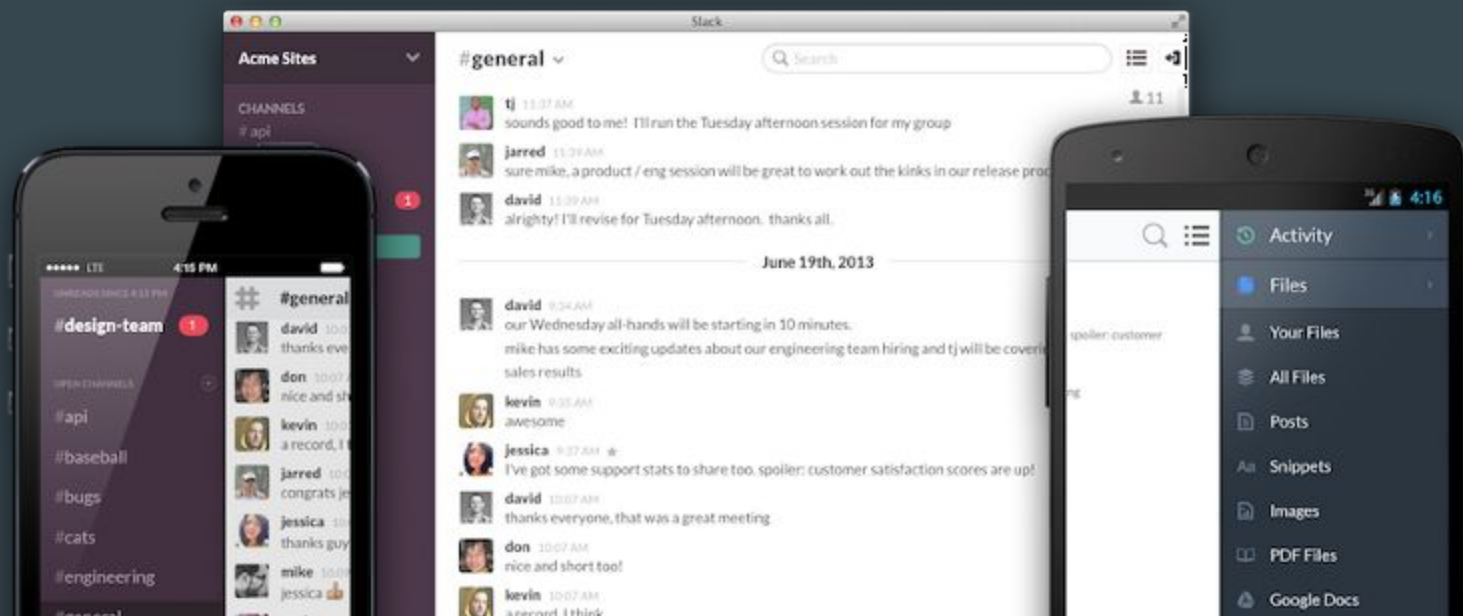
wilbur BOT 2:25 PM ☆



<http://www.swiftfilm.com/wp-content/uploads/2012/07/enhanced-buzz-21781-1343325106-11.jpg> (139KB) ▾



Mobile



Screenhero

The screenshot shows a RubyMine IDE window titled "Justin Yahoo's Desktop". The main editor displays the code for a `User` model in a Rails application. The code includes schema information and class definitions. A context menu is open over line 13, showing options to switch schemes. A green callout box at the bottom of the editor reads: "Quick Switch Scheme via ^ (Ctrl+Back Quote for Win/Linux)".

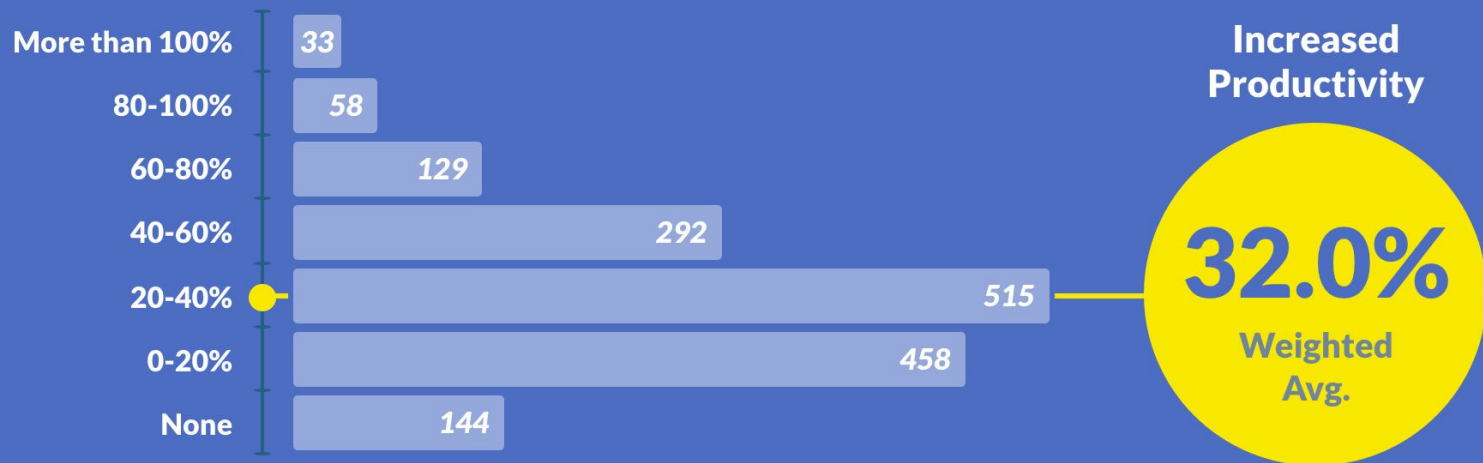
```
1  # == Schema Information
2  #
3  # Table name: users
4  #
5  # id          :integer      not null, primary key
6  # name       :string(255)
7  # email      :string(255)
8  # created_at :datetime
9  # updated_at :datetime
10 # password_digest :string(255)
11 # remember_token :string(255)
12 # admin       :boolean
13 # profanity_count :integer
14 # minor       :boolean
15 #
16
17 class User < ActiveRecord::Base
18   include Emailable
19   has_many :microposts, dependent: :destroy
20   has_many :relationships, foreign_key: "follower_id", dependent: :destroy
21   has_many :followed_users, through: :relationships, source: :followed
22   has_many :reverse_relationships, foreign_key: "followed_id",
23     class_name: "Relationship",
24     dependent: :destroy
25   has_many :followers, through: :reverse_relationships, source: :follower
26
27   before_create :create_remember_token
28   validates :name, presence: true, length: { maximum: 50 }
29
30   has_secure_password
31   validates :password, length: { minimum: 6 }
32
33 end
```

Quick Switch Scheme via ^ (Ctrl+Back Quote for Win/Linux)

Hard facts...

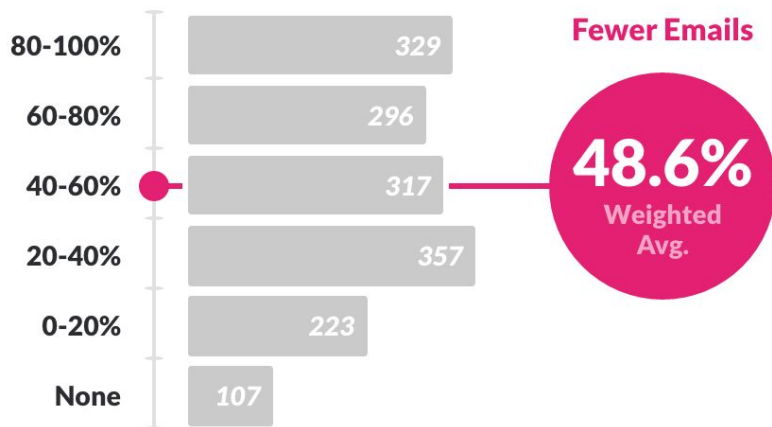
*

After adopting Slack, how much **more productive** is your team?



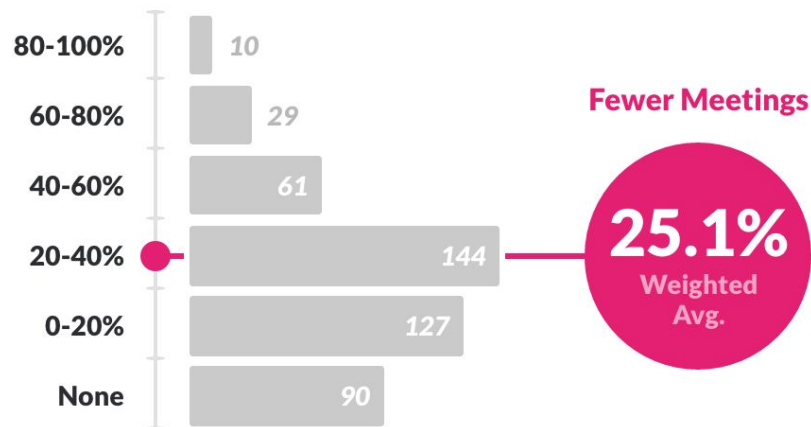
Based on 1,629 responses from Slack owners and administrators. ± 2.36 margin of error with 95% confidence (July 2015)

How much has Slack helped you **reduce internal email**?



Based on 1,629 responses from Slack owners and administrators.
±2.36 margin of error with 95% confidence (July 2015)

How much has Slack helped you **reduce meetings**?



Based on 461 responses from Slack owners and administrators.
±4.53 margin of error with 95% confidence (July 2015)

Barriers and downfalls...

Expensive

<p>Free</p> <p>\$0</p> <p>For teams wanting to try out Slack for an unlimited period of time</p>	<p>Standard</p> <p>\$6⁶⁷</p> <p>per active user, per month billed annually</p> <p>\$8 billed monthly</p>	<p>Plus</p> <p>\$12⁵⁰</p> <p>per active user, per month billed annually</p> <p>\$15 billed monthly</p>	<p>Enterprise</p> <p>Coming 2016</p> <p>per active user, per month billed annually</p>
	Your current plan	Upgrade Now	Contact Us
<p>Free includes</p> <p>All of these great features:</p>	<p>Standard includes</p> <p>Everything in Free, and:</p>	<p>Plus includes</p> <p>Everything in Standard, and:</p>	<p>Enterprise includes</p> <p>Everything in Plus, and:</p>
<ul style="list-style-type: none">Searchable message archives, up to 10k of your team's most recent messages10 apps or service integrationsNative apps for iOS, Android, Mac & Windows DesktopTwo-person calls5GB total file storage for the team	<ul style="list-style-type: none">Unlimited searchable message archivesUnlimited apps and service integrationsCustom retention policies for messages and filesGuest accessPriority supportOAuth via GoogleMandatory two-factor authenticationCustom User Groups to reach a team or departmentGroup calls	<ul style="list-style-type: none">SAML-based single sign-on (SSO)Compliance Exports of all messagesSupport for external archiving services99.99% Guaranteed Uptime SLA24/7 Support with 4-hour response timeUser provisioning and deprovisioningReal-time Active Directory sync with OneLogin, Okta & Ping	<p>COMING SOON ↘</p> <ul style="list-style-type: none">Federation across multiple teams to create a unified organizationUnified directory with the ability to message anyone at your companyShared channels and ability to search across the organizationUnified security, data retention and compliance policiesOrganization-wide reporting, metrics & analyticsConsolidated billing & administration

Not HIPAA Compliant

Distracting / Communication Overload / Accountability



Competition



Mattermost



Try it out...

charlestantechslack.herokuapp.com



Join **Charleston Tech Slack** on Slack.
14 users online now of **722** registered.

GET MY INVITE

powered by [slackin](#)

Questions?

Thank you!

