

# Singleshot

[arkin@intalio.com](mailto:arkin@intalio.com)

Task manager ...

Show me the tasks I'm  
working on

Show me tasks I could be/was  
working on

Manage tasks other people

Task managers are simple applications

But not all task managers are simple to use applications

What can we do better?

Requirement #1

**Build a task manager  
that people can use**



- [Inbox](#)
- [All Tasks](#)
- [Completed](#)
- [Activity](#)
- [Start ...](#)

- [Feed](#)
- [Calendar](#)

Task	Priority	Due on	Age	
Veniam quis est debitis ipsum sapiente dolorem quidem ea.	Normal	🕒 Yesterday	14 hours	
Perspiciatis quam dolor quis nesciunt amet eveniet.	Normal	Today	12 hours	
Dolore est laboriosam et ullam quia iure sint officiis.	High		16 hours	
Nam repudiandae dolores odio nesciunt aut.	Normal		1 day	
Facere eius adipisci enim quo possimus culpa suscipit verit...	Normal		20 hours	
Unde non recusandae nesciunt sit deserunt inventore ipsa s...	Normal	Tuesday	10 hours	
Natus qui aspernatur nemo similique quia expedita velit sint.	Normal		1 hour	
Similique qui sed quidem.	Normal		1 day	<a href="#">Claim</a>
Dolores eveniet harum in.	Normal		8 hours	<a href="#">Claim</a>

Dolores eveniet harum in.	Normal		8 hours	<a href="#">Claim</a>
Similique qui sed quidem.	Normal		1 day	<a href="#">Claim</a>
Natus qui aspernatur nemo similique quia expedita velit sint.	Normal		1 hour	

*The idea is that the content is  
the interface, the information is  
the interface — not computer  
administrative debris.*

*— Edward Tufte*

Veniam quis est debitis ipsum sapiente dolorem ...

➡ Inbox

Less options

**Description**

Et laboriosam molestiae et laborum dolor qui et magnam. A asperiores earum ut dolore consequuntur delectus. Vel eos similique aut. Corporis eaque illum nam laboriosam. Alias aperiam iste excepturi ut omnis possimus ut.

Occaecati sed voluptatem totam deleniti incidunt quo consectetur illo. Ut beatae perspiciatis suscipit molestiae velit fuga nostrum. Quia illo nobis reprehenderit deserunt quos perspiciatis voluptatem et. Aspernatur qui dignissimos ratione recusandae non.

Enim at deserunt rerum architecto. Dolore provident expedita dolores veniam est temporibus ipsum. Consequuntur facilis aut iusto aliquid. Est nihil voluptatem enim tempore maiores. Deserunt labore debitis dicta facere et laborum.

**Priority**

Medium

**Due on**

Yesterday

**Recent activity**

Jun 15 [Assaf](#) is owner of [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)

 [Feed](#)  [Calendar](#)

Jun 15 [Assaf](#) created [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)

Select owner ...

Delegate

Select owner ...


Delegate

Jun 15 [Assaf](#) created [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)

Medium

**Recent activity**

Jun 15 [Assaf](#) is owner of [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)

 [Feed](#)  [Calendar](#)

Inbox

All Tasks

Completed

Activity

Start ...



Feed



Calendar

## Today



- 02:21 AM Assaf completed [Perspiciatis quam dolor quis nesciunt amet eveniet.](#)
- 02:21 AM Assaf completed [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)
- 12:42 AM Assaf is owner of [Natus qui aspernatur nemo similique quia expedita velit sint.](#)
- 12:42 AM Assaf created [Natus qui aspernatur nemo similique quia expedita velit sint.](#)

## Yesterday

- 10:42 PM Assaf completed [Eligendi dolorem dolorum possimus recusandae culpa quis dolor asperiores.](#)
- 08:42 PM Assaf is owner of [Eligendi dolorem dolorum possimus recusandae culpa quis dolor asperiores.](#)
- 08:42 PM Assaf created [Eligendi dolorem dolorum possimus recusandae culpa quis dolor asperiores.](#)
- 06:12 PM Assaf created [Dolores eveniet harum in.](#)
- 04:12 PM Assaf is owner of [Unde non recusandae nesciunt sit deserunt inventore ipsa soluta.](#)
- 04:12 PM Assaf created [Unde non recusandae nesciunt sit deserunt inventore ipsa soluta.](#)
- 02:12 PM Assaf is owner of [Perspiciatis quam dolor quis nesciunt amet eveniet.](#)

05:15 PM Assaf is owner of [Perspiciatis quam dolor quis nesciunt amet eveniet.](#)

04:15 PM Assaf created [Unde non recusandae nesciunt sit deserunt inventore ipsa soluta.](#)

04:15 PM Assaf is owner of [Unde non recusandae nesciunt sit deserunt inventore ipsa soluta.](#)

06:15 PM Assaf created [Dolores eveniet harum in.](#)

08:45 PM Assaf created

Requirement #2

**Build a task manager  
that people will use**

★ **Deserunt et placeat optio et praesentium ullam aut aut.**

Est corporis quo molestiae voluptas. Ea voluptates nisi aut hic. Eius  
Deserunt velit accusantium rem quis nobis ut beatae sed. Et dolorum  
Hic quo veritatis iure commodi incidunt nobis vero deserunt. Corrupti  
similique at. Ea rerum vel et non.  
*Created 14 hours ago, assigned to [Assaf](#), and due yesterday*

★ Add star [Share](#) [Share with note](#) [Email](#)  Keep unread [Edit](#)

★ **Ex culpa occaecati voluptas non ullam ea.**

Ut nihil qui in doloribus dolorum voluptates quod. Quod quaerat quibus  
qui quasi optio. Est laudantium itaque tempore eum inventore sunt do  
Labore quis distinctio et illo. Excepturi est rerum voluptatem. Et perfe  
Cumque et eum est saepe odit quia itaque enim. Et qui est quia. Illo  
officiis.  
*Created 12 hours ago, assigned to [Assaf](#), and due today*

★ Add star [Share](#) [Share with note](#) [Email](#)  Keep unread [Edit](#)

iCal

Day Week **Month**

June 2

Tuesday Wednesday

3 10 17

**Deserunt et placeat optio et praesentium ullam aut aut.**

completed

priority Medium ↕

due date  06/15/2008  
alarm None ↕

calendar  Singleshot ↕

url <http://localhost:3000/tasks/89-Deserunt-et-placeat-optio-et-praesentium-ullam-aut-aut>

note Est corporis quo molestiae voluptas. Ea voluptates nisi aut hic. Eius aut sed ut. Ducimus voluptatem aperiam ut.

Deserunt velit accusantium rem quis nobis ut beatae sed. Et dolorum praesentium assumenda. Aliquam ab aut non quaerat ut veritatis consequuntur.

Hic quo veritatis iure commodi incidunt nobis vero deserunt. Corrupti est voluptatem et quia

To Do Items by Priority ↕

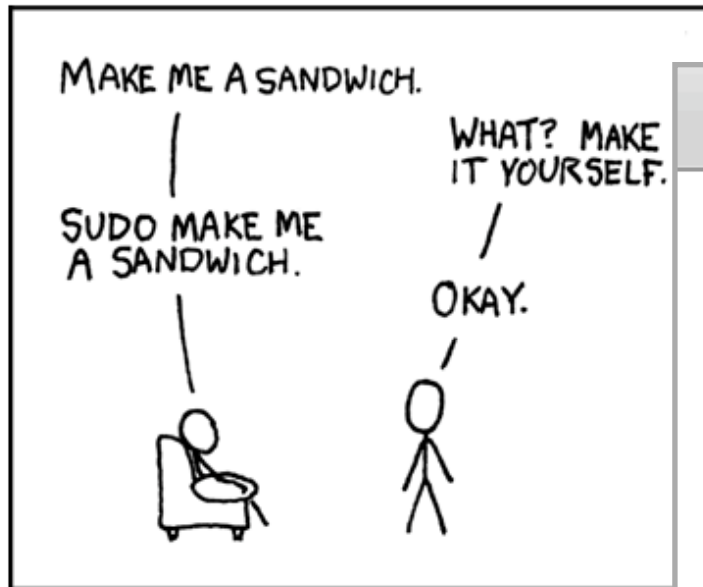
- Soluta quisquam officia ab et amet eveniet libero enim.
- Tenetur eum minima molestiae rerum.
- Ex qui animi est quia velit officia.
- Today**
- Deserunt et placeat optio et praesentium ullam aut aut.**
- Ipsam inventore eaque officii et omnis consequuntur nisi fuga.
- Rerum repellat quod mollitia architecto sed.
- Est velit reiciendis tempora architecto nobis maxime magni aliquam.
- Aut qui consequatur ut dolore.
- June 17, 2008**
- Dolor illum enim qui

9:18 PM (seconds ago)

```
jabber =  
Jabber::Client.new('singleshot')  
  
Tasks.find('overdue').each do |task|  
  jabber.send task.owner.jid,  
              “#{task.title} is due  
today!”  
end
```

Sudo, make me a sandwich

⇒ Inbox



With bacon on top of the tomato!

Fill our survey!

⇒ Inbox

## What do you think of Singleshot?

- Da bomb!
- Perfection is near
- Yeah, ok
- I can has sumthing else?

Complete

Later

Close Singleshot Graphics contact

Inbox

More Options

Completed



Setup System Log Help Logout



Sales

- Home
- Campaigns
- Leads
- Accounts
- Contacts
- Opportunities
- Forecasts
- Contracts**
- Cases
- Solutions
- Products
- Reports
- Documents
- Dashboards

Search

Search All

Go!

Limit to items I own

Advanced Search...

Create New...

Recent Items

- 00000100
- Singleshot Graphics
- Assaf Arkin

Recycle Bin

Contract 00000100

Printable View | Customize Page | Help for this Page

Items To Approve [0] | Contract History [1] | Open Activities [0] | Activity History [0] | Notes & Attachments [0]

Contract Detail

Edit Delete Clone Activate

Contract Owner	Assaf Arkin [Change]	Status	Draft
Contract Number	00000100	Contract Start Date	7/3/2008
Account Name	Singleshot Graphics	Contract End Date	1/2/2009
Customer Signed By		Contract Term (months)	6
Customer Signed Title		Owner Expiration Notice	30 Days
Customer Signed Date		Company Signed By	
		Company Signed Date	
Billing Address		Activated Date	
Activated By		Last Modified By	Assaf Arkin, 6/5/2008 10:04 PM
Created By	Assaf Arkin, 6/3/2008 4:11 PM		
Special Terms			
Description			

Edit Delete Clone Activate

Requirement #3

**Build a task manager  
that developers can use**

**Workflow** decides what task needs to be performed next

**Task manager** keeps track of people and tasks: who's doing what

You use BPEL to create a new task

But implement the UI in PHP

Even though some admin tasks are scripted in Ruby

And your task list is a

Keep it simple: JSON, XML,  
Atom, iCal, all over HTTP

REST: scales well, low barrier  
to entry, easy to program for

Doesn't lock you into  
product, platform, or WS-\*

```
{ title: "Sudo, make me a sandwich!",  
  description: "I'm hungry!",  
  status: "active",  
  priority: 2,  
  due_on: null,  
  owner: "arkin@intalio.com",  
  created_at: "2008/05/18 15:49:51 -0700",  
  updated_at: "2008/05/20 03:49:51 -0700" }
```

```
nbqaf6q~af: ..5008\02\50 03:49:51 -0700.. }  
cl6af6q~af: ..5008\02\T8 T2:49:51 -0700.. }
```

POST a new task

GET task, PUT changes back

GET /tasks, find the one you  
need

GET /ready, /overdue, /  
completed

[Inbox](#)[All Tasks](#)[Completed](#)[Activity](#)[Start ...](#)[Feed](#)[Cal](#)

## Today

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02:21AM [Perspiciatis quam dolor quis nesciunt amet eveniet.](#)

02:21AM [Veniam quis est debitis ipsum sapiente dolorem quidem ea.](#)

## Yesterday

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10:42PM [Eligendi dolorem dolorum possimus recusandae culpa quis dolor asperiores.](#)