

Software Development @ Camunda

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Agenda

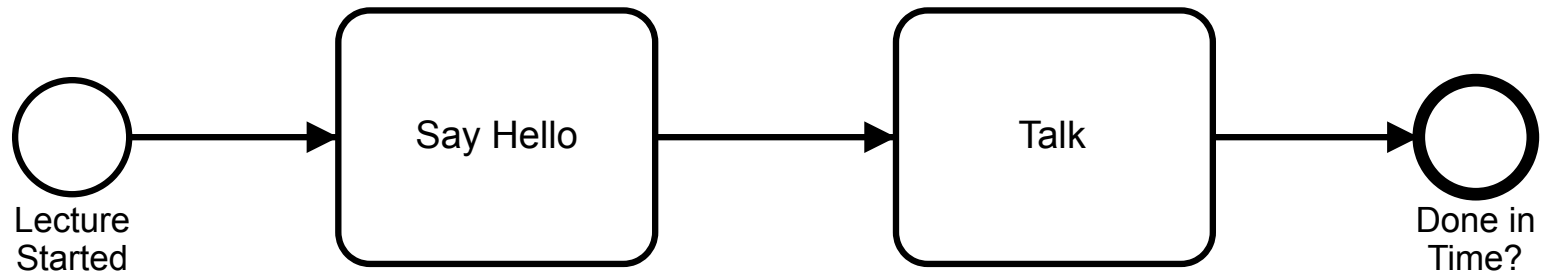
quick about

scrum ?

no scrum !

...

What is this?



Camunda

based in Berlin Kreuzberg, ~70 employees

operating internationally

process and decision automation solutions

Camunda BPM

Automating business inside...

1&1

Zalando

AT&T

...



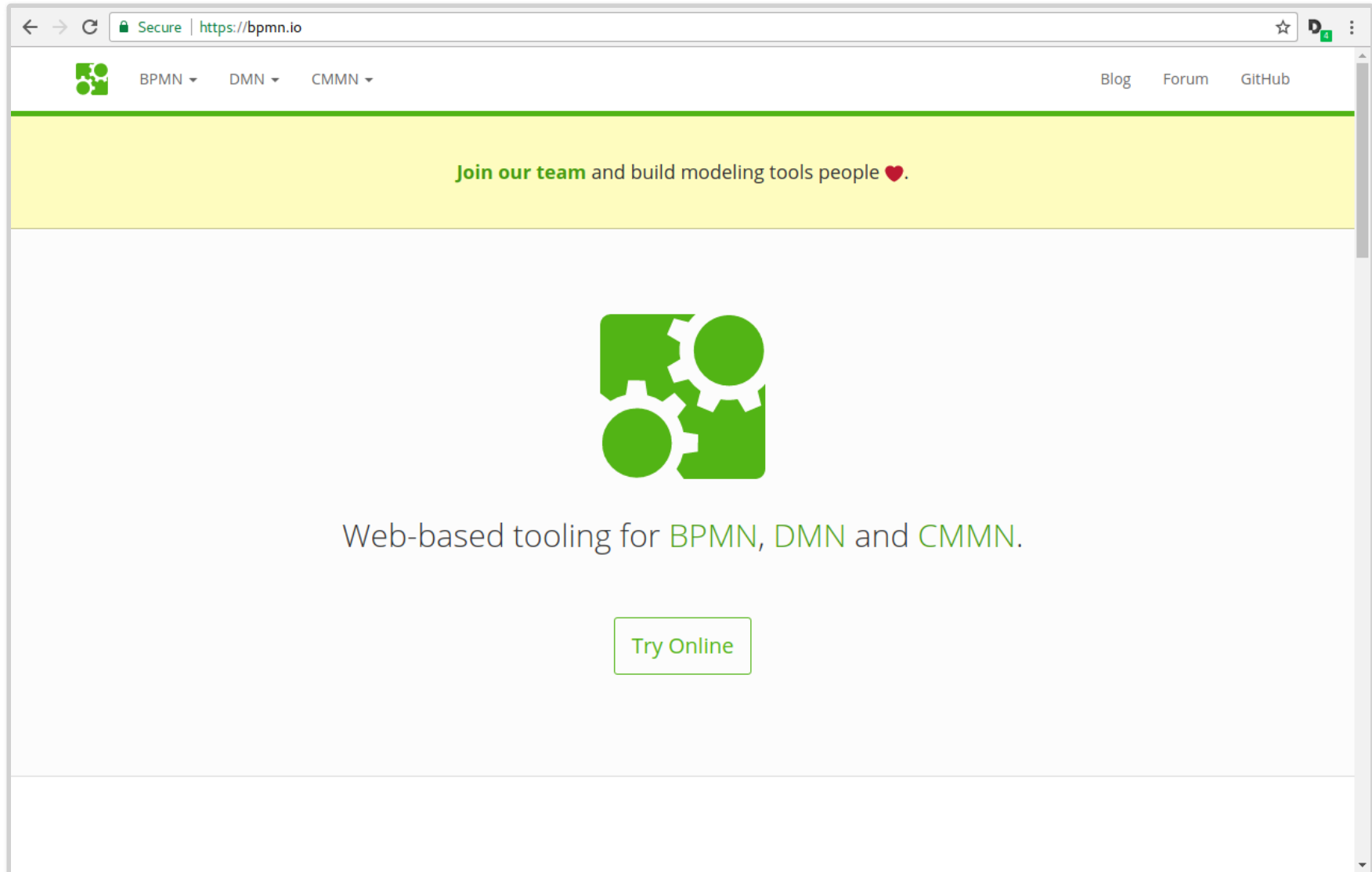
Development Team

~40 developers

4 Projects

building libraries and frameworks
running applications written in Java, Go, JavaScript

bpmn.io




The screenshot shows a web browser window displaying the homepage of bpmn.io. The browser's address bar shows the URL <https://bpmn.io>. The website's navigation bar includes a logo on the left and links for "BPMN", "DMN", and "CMMN" in the center, and "Blog", "Forum", and "GitHub" on the right. A yellow banner at the top of the page contains the text "Join our team and build modeling tools people ❤️". Below this banner is a large green icon representing people and gears. Underneath the icon, the text reads "Web-based tooling for BPMN, DMN and CMMN." At the bottom of the main content area, there is a button labeled "Try Online".

Secure | <https://bpmn.io>

BPMN ▾ DMN ▾ CMMN ▾

Blog Forum GitHub

Join our team and build modeling tools people ❤️.



Web-based tooling for BPMN, DMN and CMMN.

Try Online

bpmn.io

The screenshot shows the GitHub repository page for bpmn-io/bpmn-js. The browser address bar displays the URL https://github.com/bpmn-io/bpmn-js. The repository name is bpmn-io / bpmn-js, with 124 unwatchers, 1,109 stars, and 242 forks. The repository description is "A BPMN 2.0 rendering toolkit and web modeler." with a link to https://bpmn.io/toolkit/bpmn-js/. The repository statistics show 1,080 commits, 11 branches, 91 releases, and 15 contributors. The current branch is master. The commit history table is as follows:

Commit	Message	Time
nikku 0.26.4		Latest commit 85dd6e6 7 hours ago
.github	docs(project): add pull request template	4 months ago
assets/bpmn-font	fix(context-pad): remove icon margins introduced by Fontello	3 months ago
docs	docs(SETUP): remove grunt	4 months ago
lib	fix(copy-paste): don't override descriptor <type> property	11 hours ago
resources	chore(Viewer): inline logo as SVG	16 days ago
tasks	chore(project): shrink bundle sizes	2 months ago
test	fix(copy-paste): don't override descriptor <type> property	11 hours ago
.eslintrc	chore(project): switch to eslint	2 years ago
.gitignore	chore(project): update .gitignore	2 months ago
.npmignore	chore(project): add .npmignore	a month ago
.travis.yml	chore(project): add release build stages	3 months ago

Camunda Modeler

The screenshot displays the Camunda Modeler application window. The title bar reads "Camunda Modeler". The interface includes a menu bar, a toolbar, and a tabbed workspace with three open files: "diagram_1.bpmn", "Application Processing.bpmn", and "colors.bpmn".

The main workspace shows a BPMN diagram with the following elements:

- A start event (thin circle) connected to a blue rounded rectangle task.
- The blue task connected to an end event (thick circle).
- The blue task connected to an orange rounded rectangle task.
- The orange task connected to an error end event (diamond with an 'X').

On the left, a vertical toolbar contains various icons for navigation and diagram manipulation. A coordinate system with a crosshair is visible at (0,0).

On the right, the "Properties Panel" is open for "Process_1". It features three tabs: "General", "Listeners", and "Extensions". The "General" tab is active and contains the following fields:

- General**
- Id**: Process_1
- Name**: (empty)
- Version Tag**: (empty)
- Executable
- External Task Configuration**
- Task Priority**: (empty)
- Job Configuration**
- Job Priority**: (empty)
- Documentation**
- Element Documentation**: (empty)

At the bottom left, there are tabs for "Diagram" and "XML". At the bottom right, there is a "Log" button and the Camunda logo.

Cawemo

The screenshot displays the Cawemo web interface. At the top, the browser address bar shows <https://cawemo.com>. The main header includes the Cawemo logo, the text "Saved in: Organizational > Web Modeler Launch edit", and buttons for "Invite collaborator", "Export", and "Comment". A "Help" button is located in the top right corner of the workspace.

The workspace contains a flow diagram with the following elements:

- A starting point labeled "Now is here" with a left-pointing arrow icon.
- A box labeled "Launch Open Beta" with a bracket above it indicating the time period "Q1/Q2 2017".
- An arrow pointing to a box labeled "Incorporate Feedback" with a bracket above it indicating the year "2017". Below this box is a document icon and the text "Time To Strike!".
- An arrow pointing to a box labeled "Launch Officially" with a bracket above it indicating the year "2017".
- A final arrow pointing to a right-pointing arrow icon labeled "Into the future".

A vertical toolbar on the left side of the workspace contains various icons for navigation and editing, including a hand, a square with a plus sign, a double-headed vertical arrow, a lightning bolt, a circle, a ring, a diamond, a square, a document, a stack of documents, and a folder. At the bottom left of the workspace, there is a "Feedback" button and a "Privacy & Terms" link. At the bottom right, there are zoom controls (a crosshair icon, a minus sign, and a plus sign).

Scrum ?

Challenges

technical complexity / experts

support / open-source model

dealing with innovation and uncertainty

No scrum !

- (1) much time wasted in planings and retrospectives
- (2) won't get estimations right anyway
- (3) time boxed approach won't work
- (4) encourage people to act responsibly

Instead

- (1) embrace "ok to fail" and build feedback culture
- (2) do planing *locally* with domain experts only
- (3) developers = experts, build responsibility and trust
- (4) keep the good parts**

The good parts

milestone planings

standup (per project)

kanban task board(s)

one ticket at a time (focus)

...

code reviews

feature branches

post mortem

Technical Details

automate everything

test everything

modularize

document the necessary

refactor and improve responsibly

Practices

write great issues

clear responsibilities

embrace feedback

deal with *great ideas* !

blog post based development

Summary

focus on what you'd like to achieve

implement structure *and* culture

change what's not working



camunda.com/career

bpmn.io/jobs

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