

How to run a successful hackathon?

Lessons learned from 8 hackathon/bug smash events in China

About us



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Agenda

- Journey of China OpenStack Bug Smash
- Procedure to Run the Hackathon
- Prediction to Next Event

OpenStack Bug Smashes in China



Statistics in Each Bug Smash

No.	Time	City	Release	# of Bugs fixed	# of Engineers	# of Companies
1	Apr. 2015	Shanghai	Kilo	30	20	3
2	Aug, 2015	Xi'an	Liberty	118	50	8
3	Mar. 2016	Chengdu	Mitaka	116	59	9
4	Jul. 2016	Hangzhou	Newton	141	60	17
5	Nov. 2016	Shenzhen	Ocata	113	60	15
6	May. 2017	Suzhou	Pike	85	50	14
7	Nov. 2017	Wuhan	Queens	105	36	11
8	June 2018	Beijing	Rocky	109	102	21

817 bug fixed, **26** companies involved.

Supporting Companies in China

Platinum Members: 3

Gold Members: 14

Corporate Sponsors: 8

Supporting Organizations: 11

Super Users Award: 2

Data source: <https://www.openstack.org/foundation/companies/>

Contribution in OpenStack -- Latest 6 Releases

Release Date	Release Name	# of China Companies	# of Companies
2015-04-30	Kilo	18	166
2015-10-15	Liberty	18	176
2016-04-07	Mitaka	20	185
2016-10-06	Newton	23	188
2017-02-22	Ocata	27	173
2017-08-30	Pike	45	175

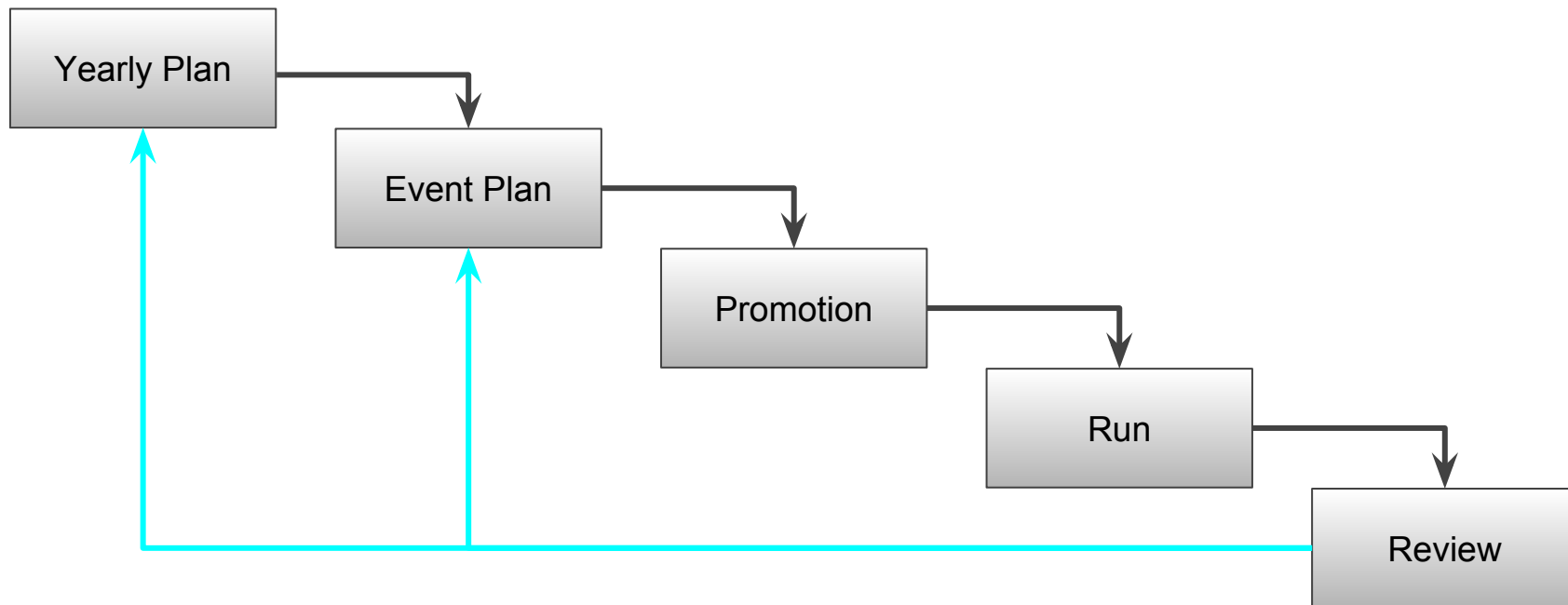
5 Board Directors, **10+** PTLs, **35+** Core Reviewers,.

Data source: http://stackalytics.com/?release={release_name}&metric=marks

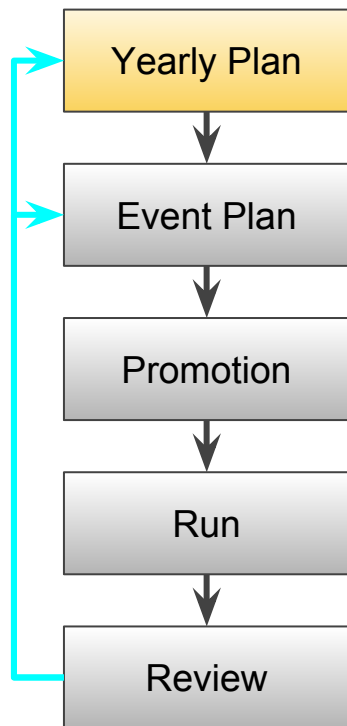
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Phases to Run the Hackathon

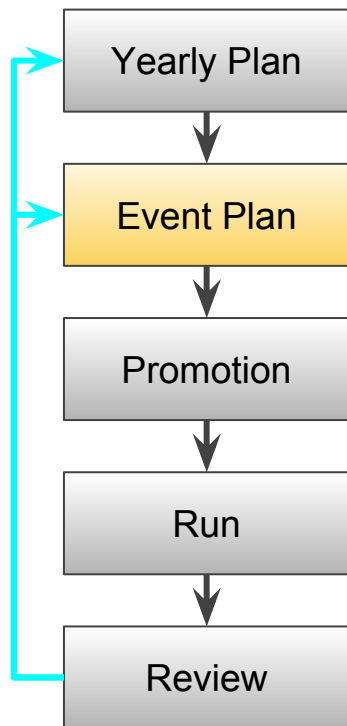


Phase 1: Yearly Plan



- ❖ Volunteers
 - How many events for next year
 - Around when
 - Scope
- ❖ Interface from companies
 - Report the value, budget to management team
 - Get approval on the budget

Phase 2: Event Plan



❖ Volunteers

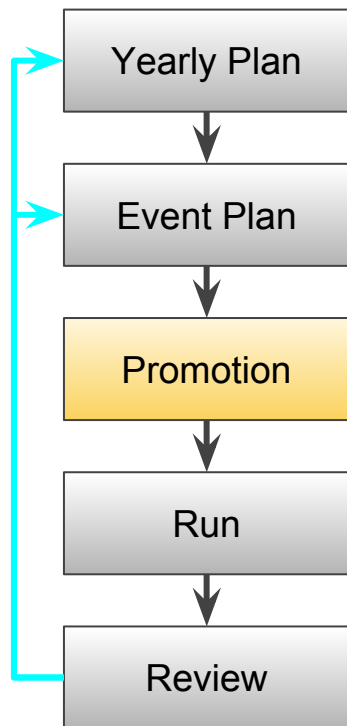
- Confirm the city, time
- Confirm the scope, IaaS and its surrounding
- Scale and budget

❖ Technical team

- Decide bug fixing, hands-on, integration, or other activities
- Communicate with their communities
- Get experts to join the hackathon



Phase 3: Promotion



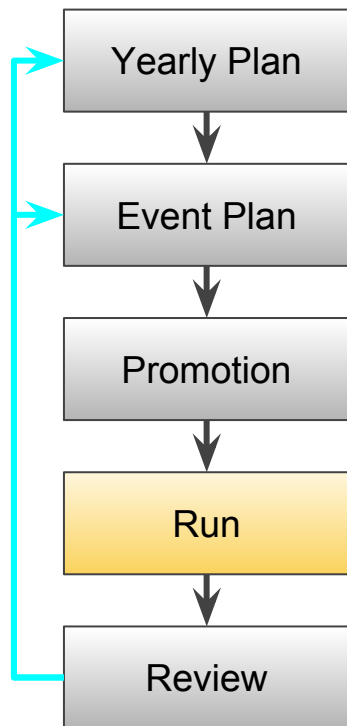
❖ Logistics

- Reserve the location
- Provide promotion info

❖ Technical team

- Invite engineers via Maillists, IRC, Wechat in their communities
- Invite engineers from their companies
- Invite customers if necessary

Phase 4: Event is On



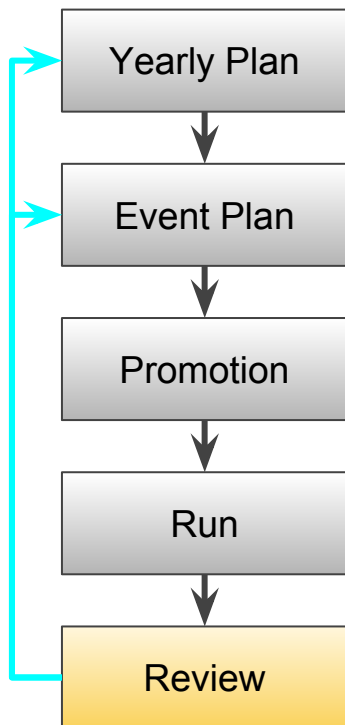
❖ Logistics

- Provide all the services to attendees
- Plan for the next event

❖ Technical team

- Group the attendees by technologies/communities
- Lead the discussion and development
- Manage technical presentation
- Summarize the output
- Collect feedback

Phase 4: Review and Summary



- ❖ Volunteers & Technical team
 - Check the financial expense
 - Check the #attendees and #output
 - Analyze the feedback from them
 - Send out the summary report to communities

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Summary

- ❖ Developers and users have been growing in China
- ❖ To make OpenStack running on China better
 - Developer ecosystem need to be updated
 - LTS strategy is important
 - Cover important features vs virtualization
 - Help more engineers to enter community

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