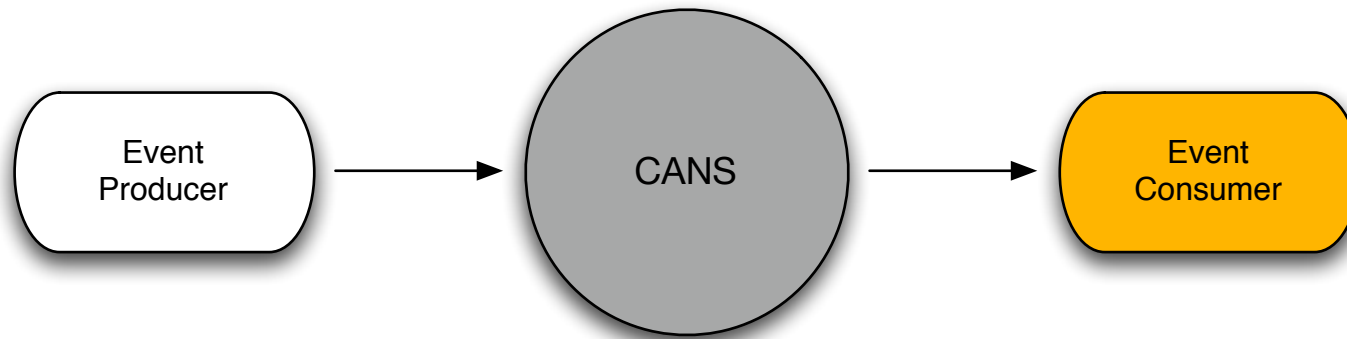


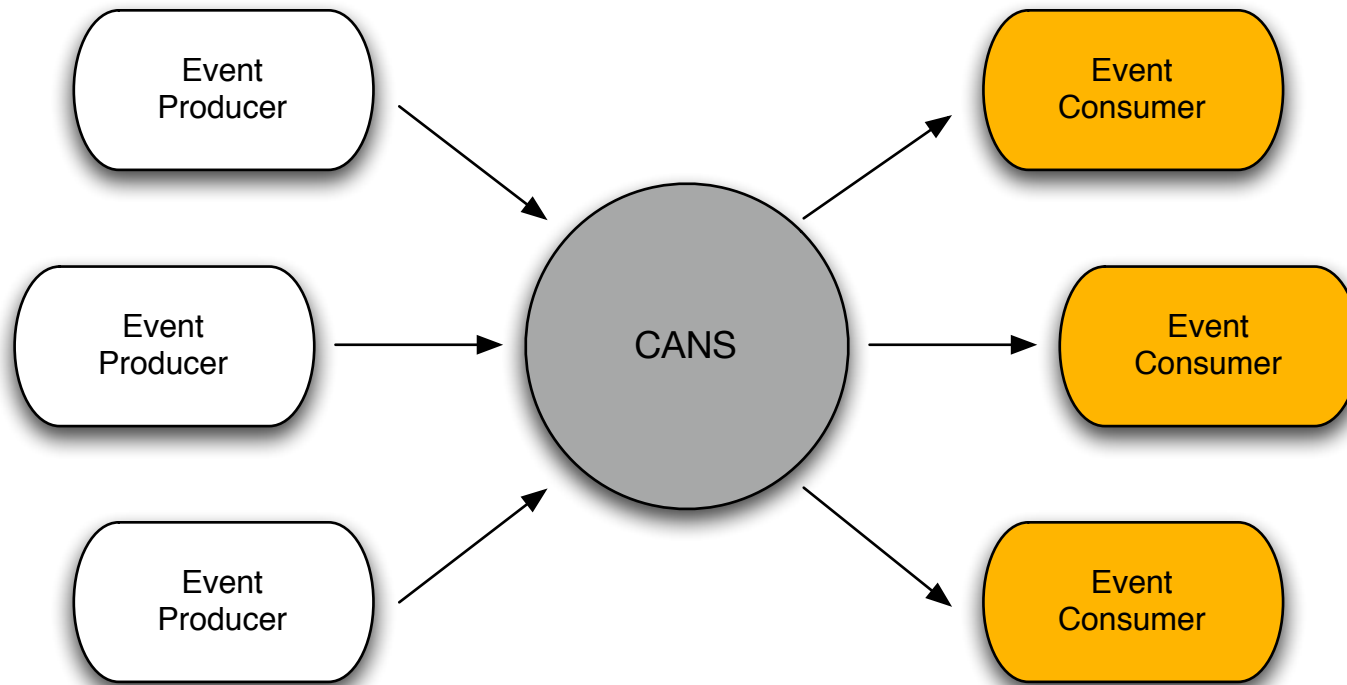
# Context-aware Activity Notification System

v. 1.5.3

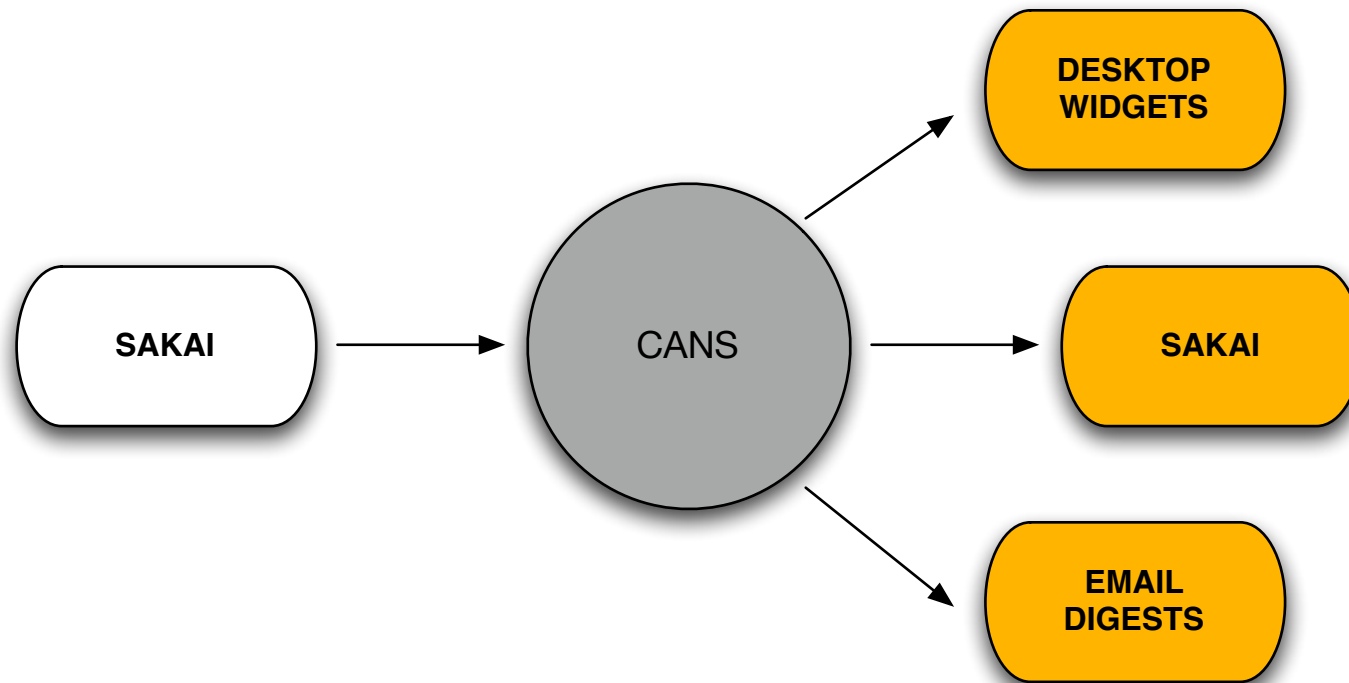
# from 30,000 feet



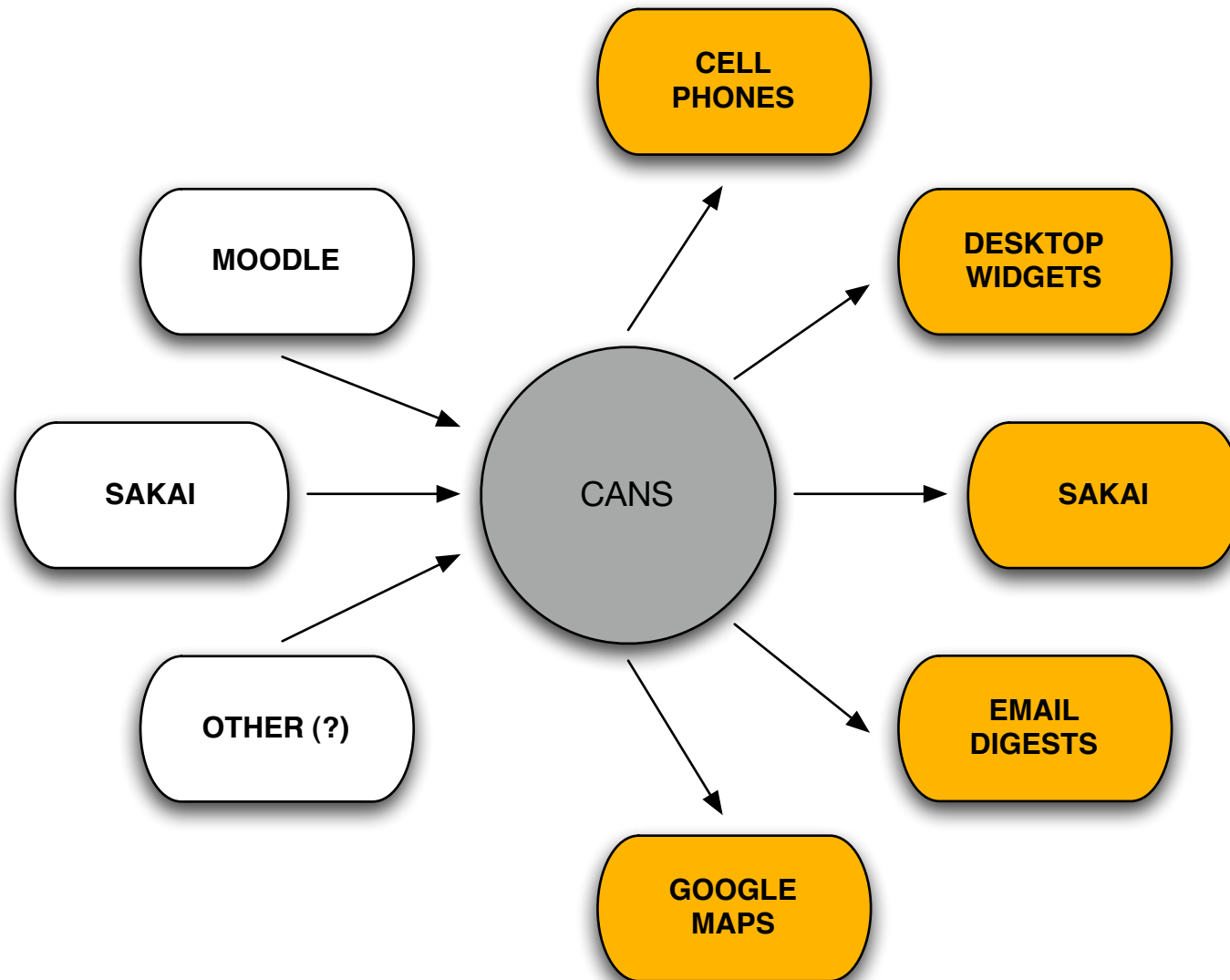
# Producers & Consumers



# CANS -- today (almost)



# CANS -- tomorrow



# The Origin of CANS

## **Social Context**

Sakai

Sakai Sites

Sakai Tools

Sakai Artifacts

Sakai Users

# The Origin of CANS

## **Activity Discovery**

Users need to know about activity occurring  
in their Social Contexts

When they're **INSIDE** and **OUTSIDE**  
of those Contexts

Different actions have different priorities  
based on current Context

# The Origin of CANS

## **Trends in Activity**

Event Histories

*activity visualization*

Notification Histories

*notification effect visualization*



# The Origin of CANS

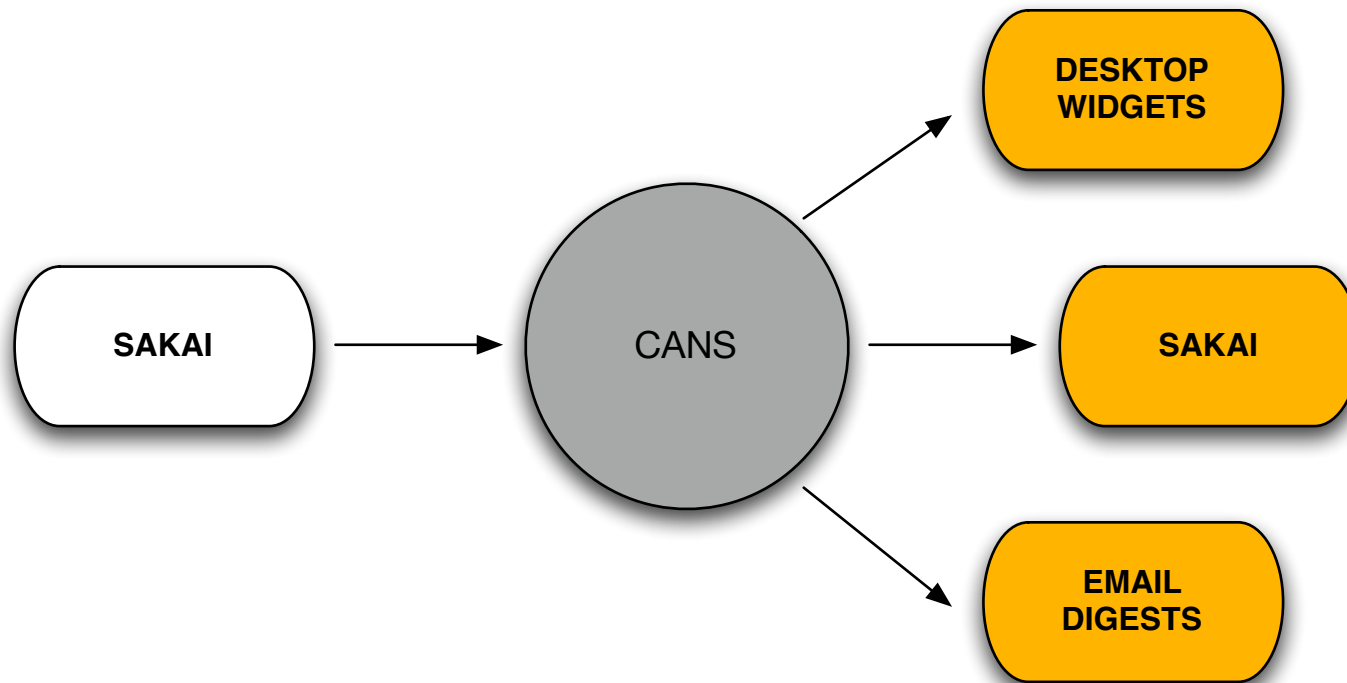
## **Notification Customization**

Administrators

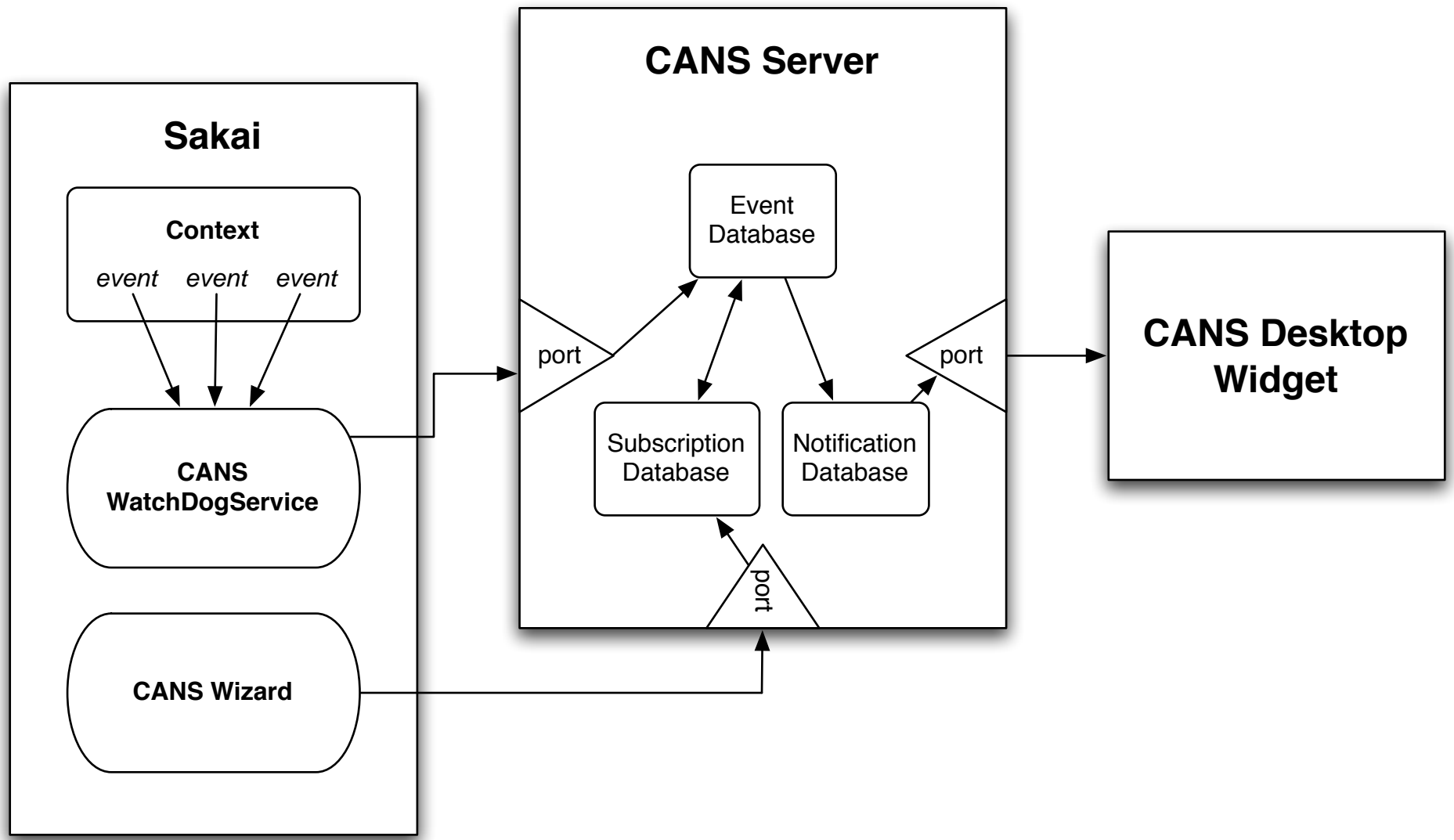
Instructors

Students

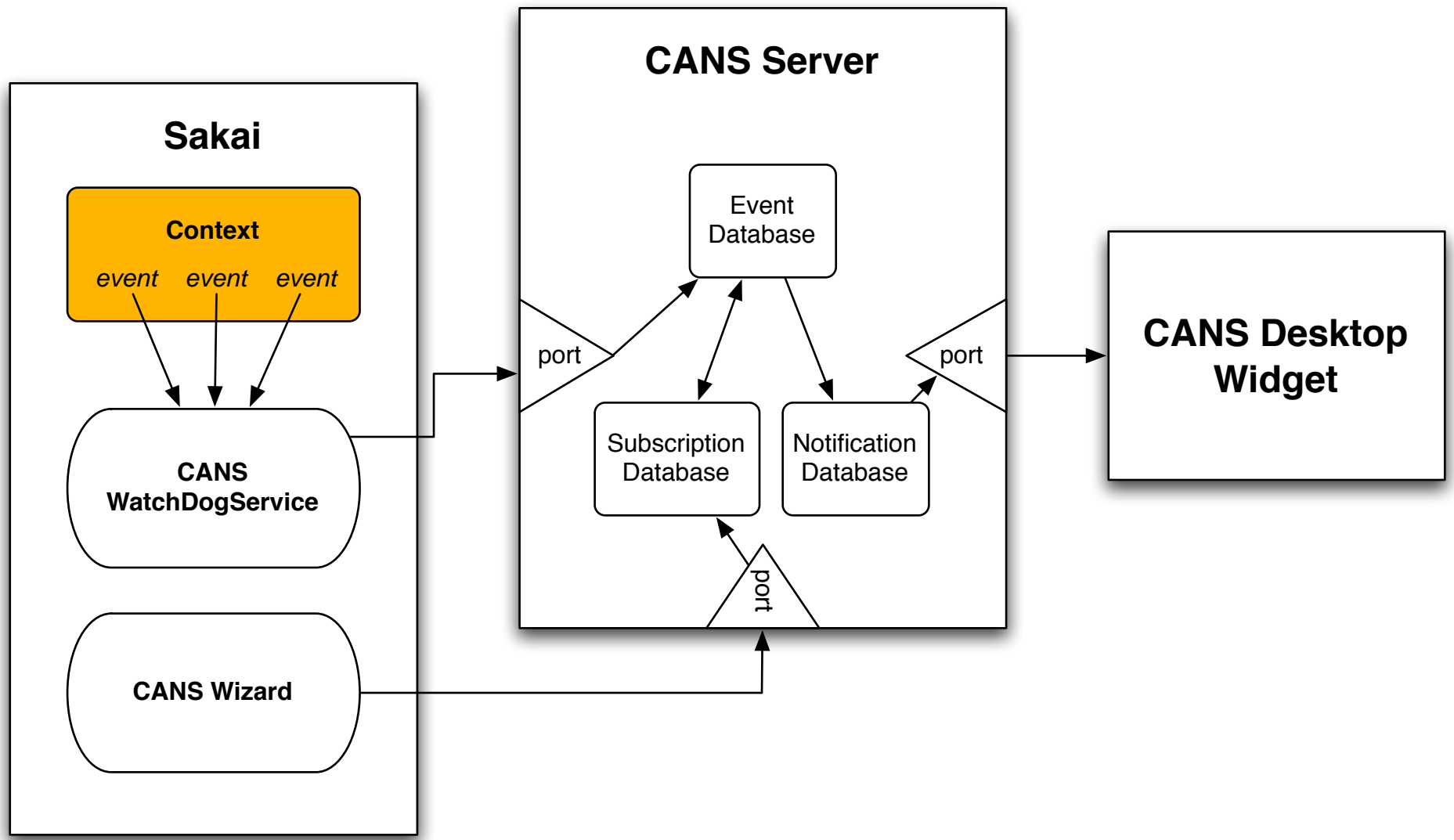
# CANS Diagram



# CANS Diagram



# CANS Diagram



# Sakai Events

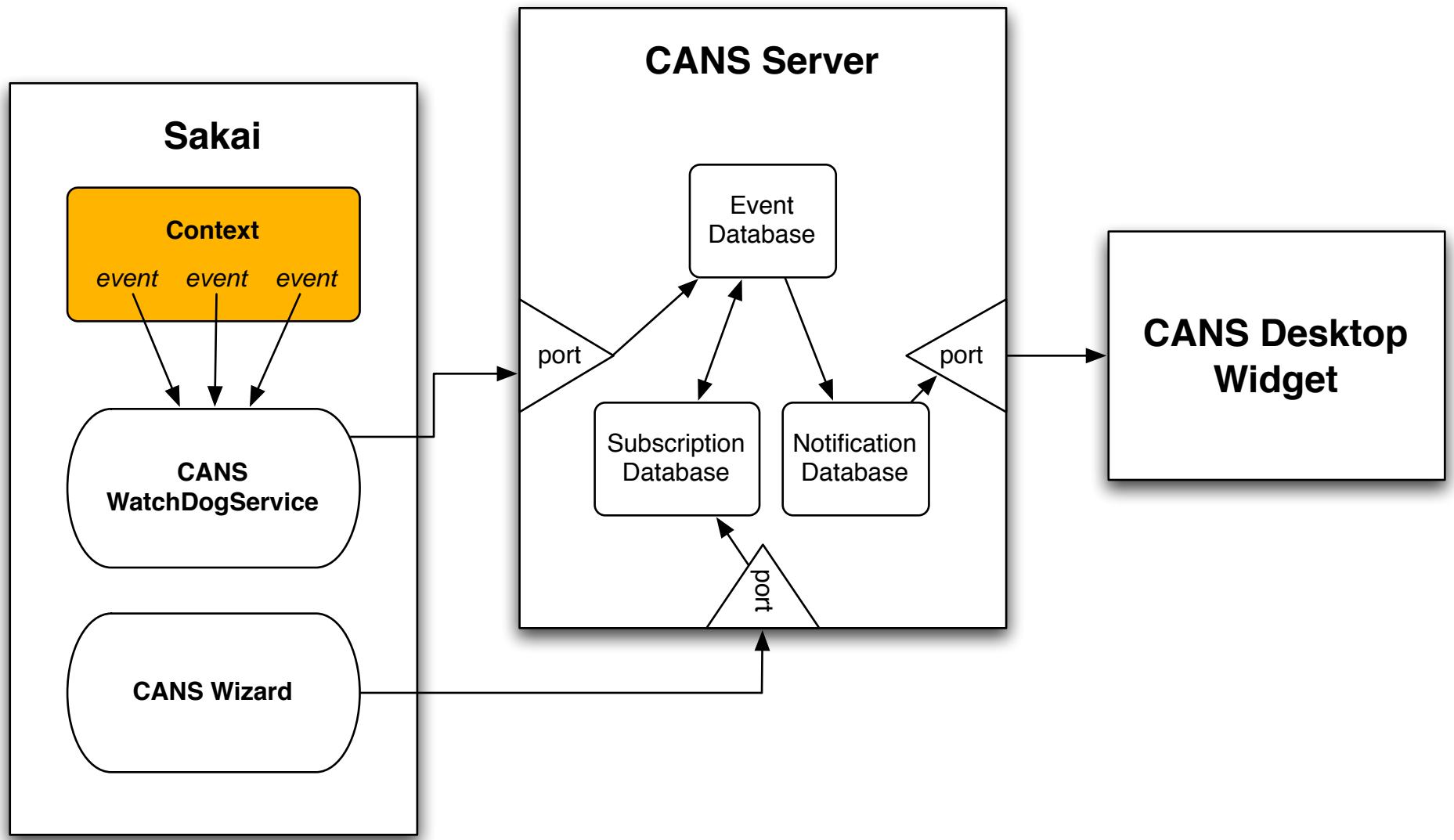
Announcement	Assignment	Chat	JForum	Resources	Wiki	User
new	new	new	new	new	new	login
read	read		read	read	read	logout
revise	revise		revise	revise	revise	pres.begin
delete	submit		delete	delete	delete	
	grade					
	delete					

*Discussion*      *Help*      *News*      *Syllabus*      *Synoptic*

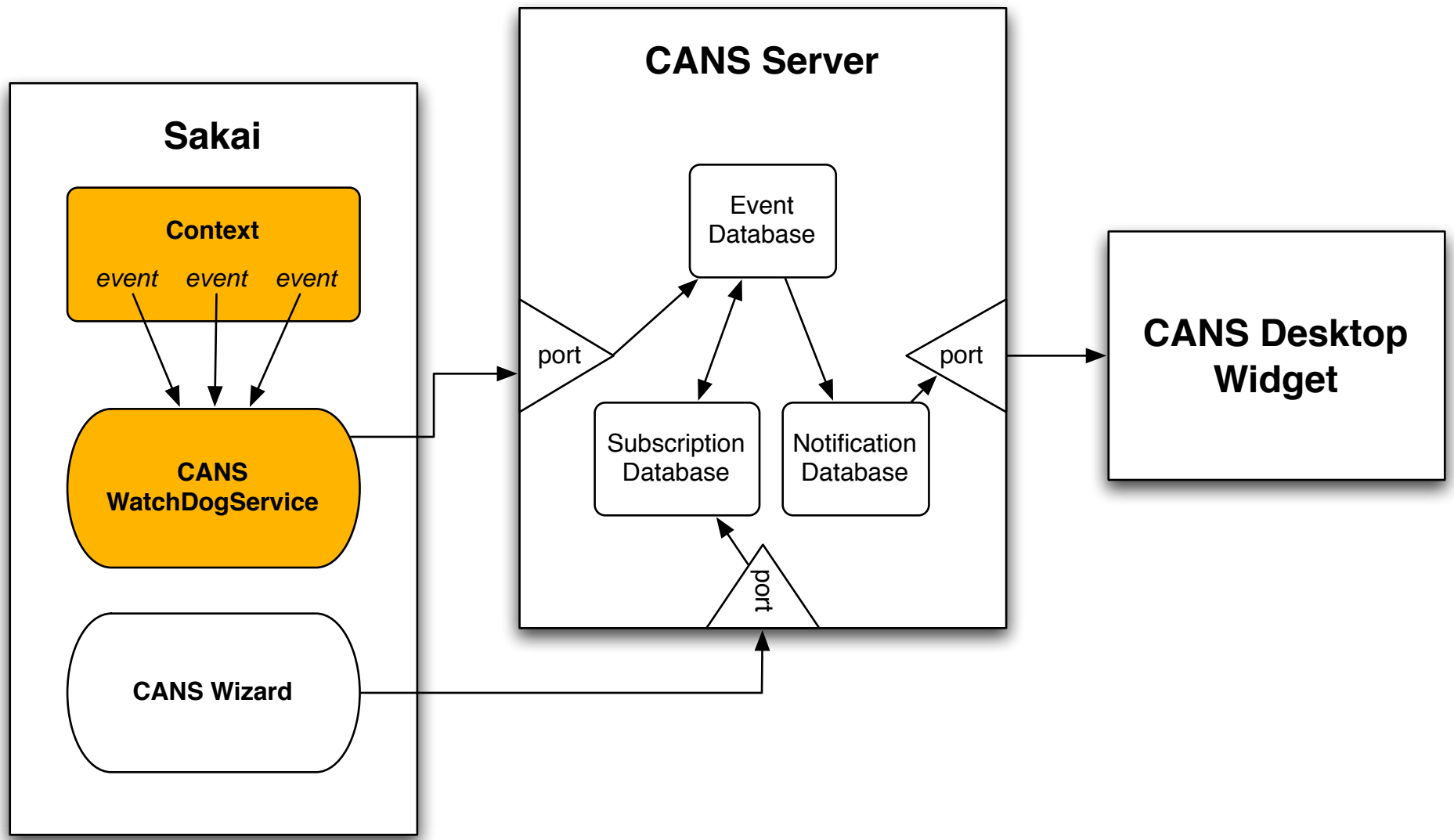
*Dropbox*      *Gradebook*      *Schedule*

*Melete*      *Test and Quizzes*      *Message Center*      *Post'Em*

# CANS Diagram



# CANS Diagram



# Event Attributes

Environment ID

Context ID

Context Name

Context Type

Author's Session ID

Author's IP Address

Author's Name

Author's Email Address

Event Action

Event Tool

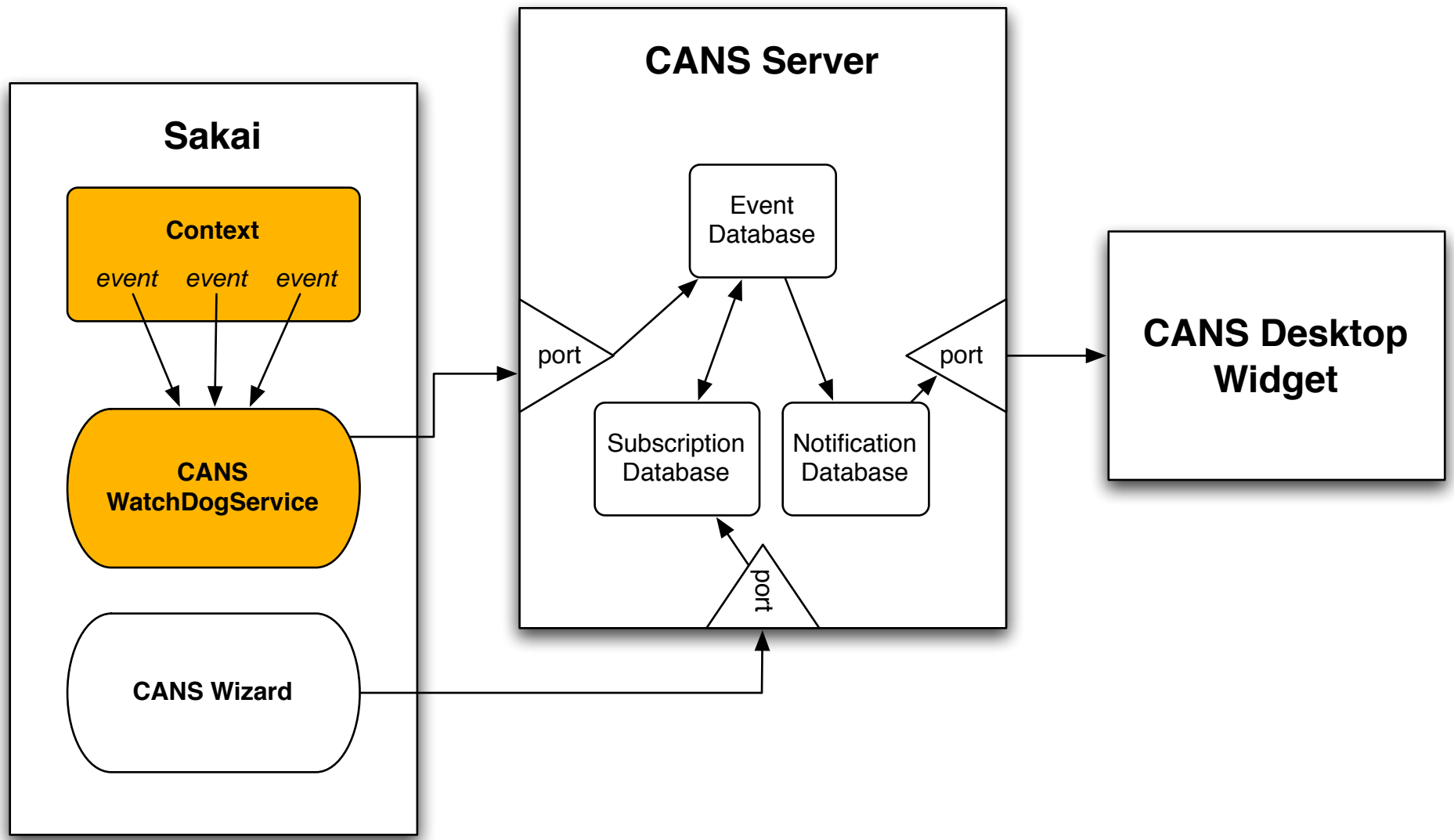
Event Object

Event URL

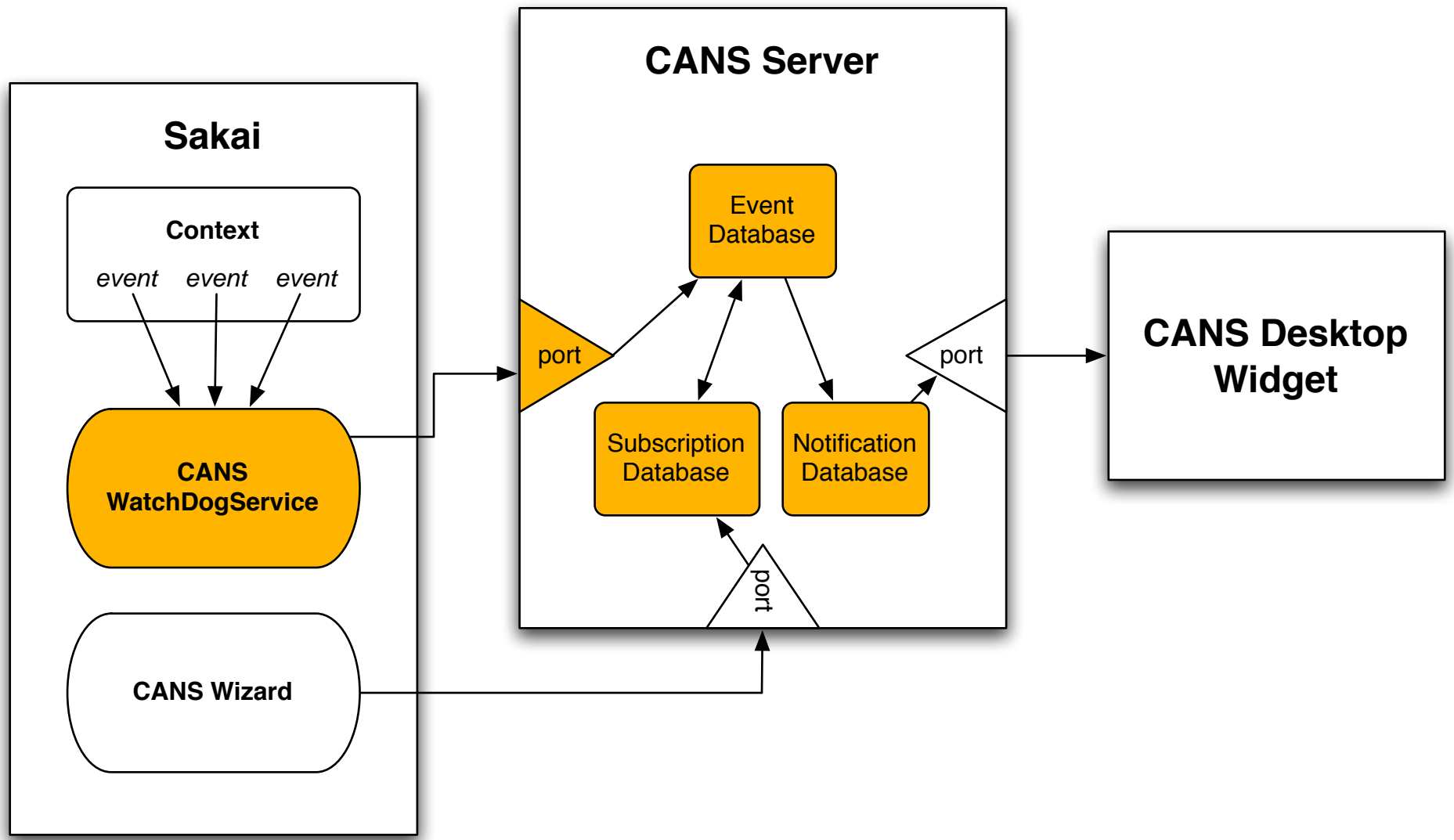
Event Date



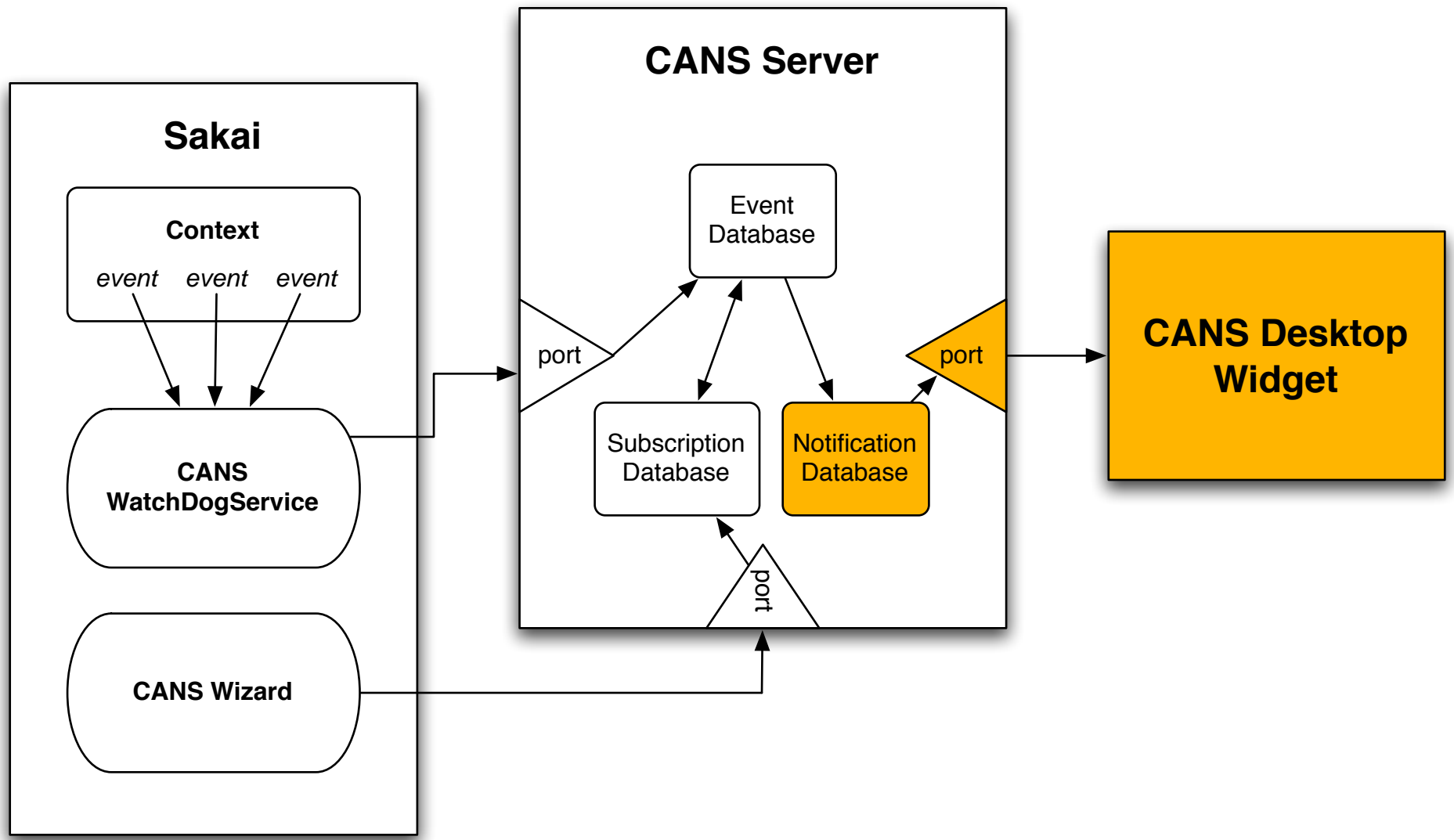
# CANS Diagram



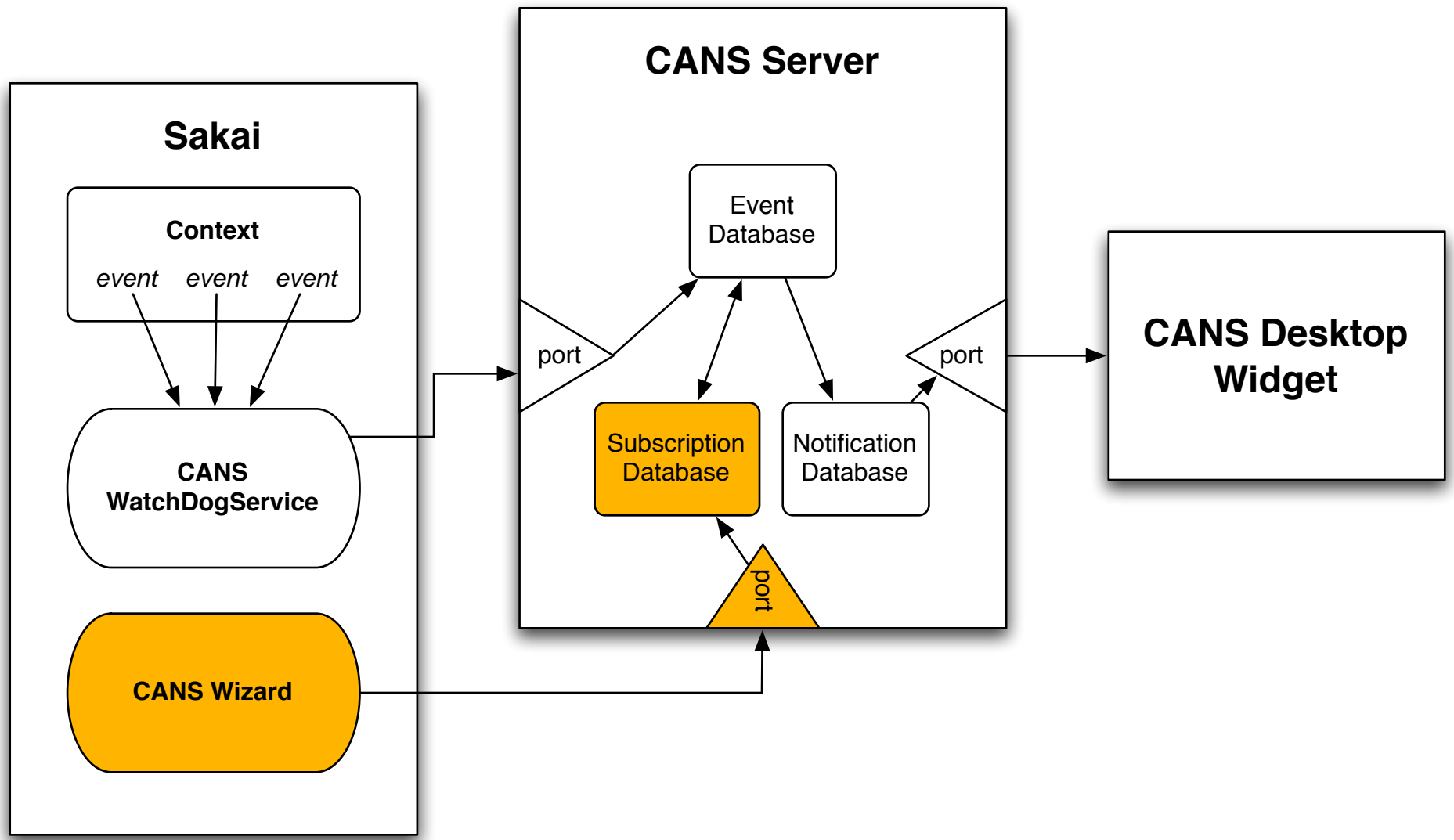
# CANS Diagram



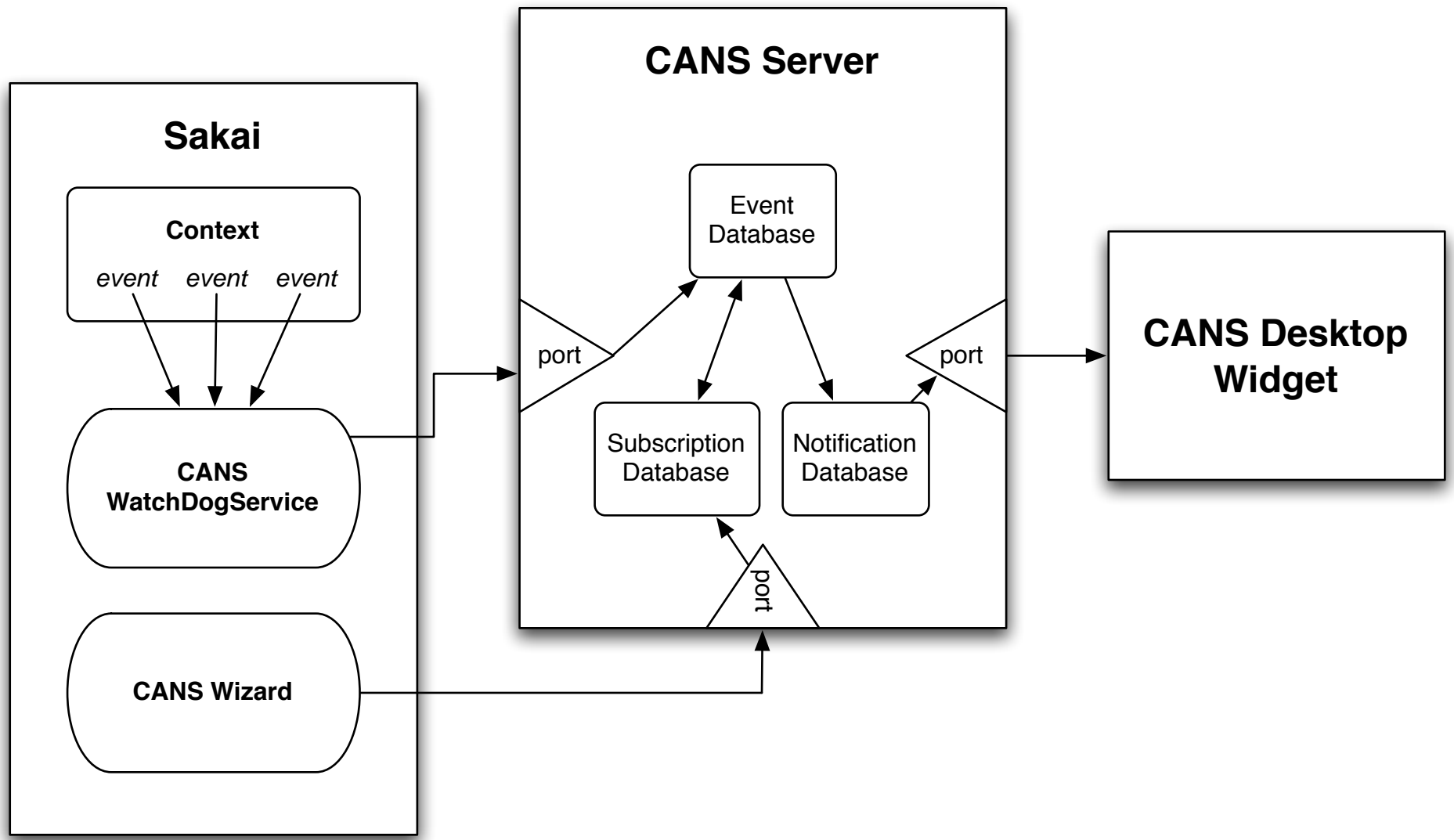
# CANS Diagram



# CANS Diagram



# CANS Diagram



# FIPSE Development Plan

## Year I

CANS Wizard

Enhanced Email Digest

Desktop Widgets

# FIPSE Development Plan

## Year 2

Sakai Notification Tools

Geographic Awareness

Cell Phones

# FIPSE Development Plan

## Year 3

Who Knows?



<http://www.cansaware.com>