Removing the barriers of access to Wikipedia

Tomasz Finc (@flyingclimber) – Director of Mobile
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"Imagine a world in which every single person on the planet is given free access to the sum of all human knowledge. That's what we're doing."

Who ...

- can pay for a data connection
- have a modern phone
- have a data capable phone

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" Imagine a world in which **every single person** on the planet is given free access to the sum of all human knowledge. That's what we're doing. "

Who ...

- can pay for a data connection
  - **Wikipedia Zero**
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Type your search here...

Sherlock Holmes

This article is about Sir Arthur Conan Doyle's fictional detective. For other uses, see Sherlock Holmes (disambiguation).

Sherlock Holmes	
Sherlock Holmes character	
Click to view image of, "sherlock Holmes Portrait Paget.jpg"...	
Sherlock Holmes in a 1904 illustration by Sidney Paget	
First appearance	*A Study in Scarlet*
Created by	Arthur Conan Doyle
Information	
Gender	Male
Occupation	Consulting detective
Family	Mycroft Holmes (brother)
Nationality	British

Sherlock Holmes (Click to view image of, "play"... /ˈʃɜːlɒk ˈhoʊmz/ or Click to view image of,

---

Овде унесите упит за пре

Изабрани чланак

Click to view image of, "theodora.jpg"...
Теодора (рођ. око 500.-умрла 28. јуна 548. год.) је била супруга источноримског (византијског) цара Јустинијана I и његов најближи саветник и сарадник преко двадесет година. Ипак, захваљујући Прокопијевој *Тајној историји*, Теодора је превасходно остала упамћена као куртизана која се узнела до царског трона.

Теодора је била родом из породице циркуских забављача, а она сама се још као девојчица прочула као пантомимичарка. Мајка, која је остала удовица, је све три ћерке брзо увела у забављачки посао и његове добре и лоше стране. Ипак, у време када је након 520. упознала Јустинијана Теодора је водила частан и сиромашан живот прење. Јустинијан је успео да наговори свог ујака Јустина I да измени древни закон који је забрањивао сенаторима да се венчавају са женама без

How does Wikipedia change with Zero?

Not much

Free access on DiGi Opera Mini ☒

W   Type your search here...   🔍

English home page

Laman utama Bahasa Melayu

中文主页

Bahasa Indonesia home page

Or go to the home page in the following language:
All languages ▲▼

WIKIPEDIA®   more ⌄

Not much

Free access on DiGi Opera Mini [×]

W Type your search here... 🔍

Today's featured article

Click to view image of, "peter Heywood"... **Peter Heywood**

(1772–1831) was a British naval officer who was aboard HMS *Bounty* during the mutiny of 28 April 1789. *Bounty* had left England in 1787 on a mission to collect breadfruit from the Pacific. Shortly after the ship began its homeward voyage, discontented crew members led by Fletcher Christian seized its captain, William Bligh, and took control of the vessel. Bligh and 19 loyalists were set adrift in an open boat; Heywood remained aboard *Bounty*. He and 15

Standard data charges may apply if you continue: Yes or No

W Type your search here... 🔍

WIKIPEDIA® more ⌄

So how does it work?

User

Carrier

WMF

User

DiGi

Caching

MediaWiki
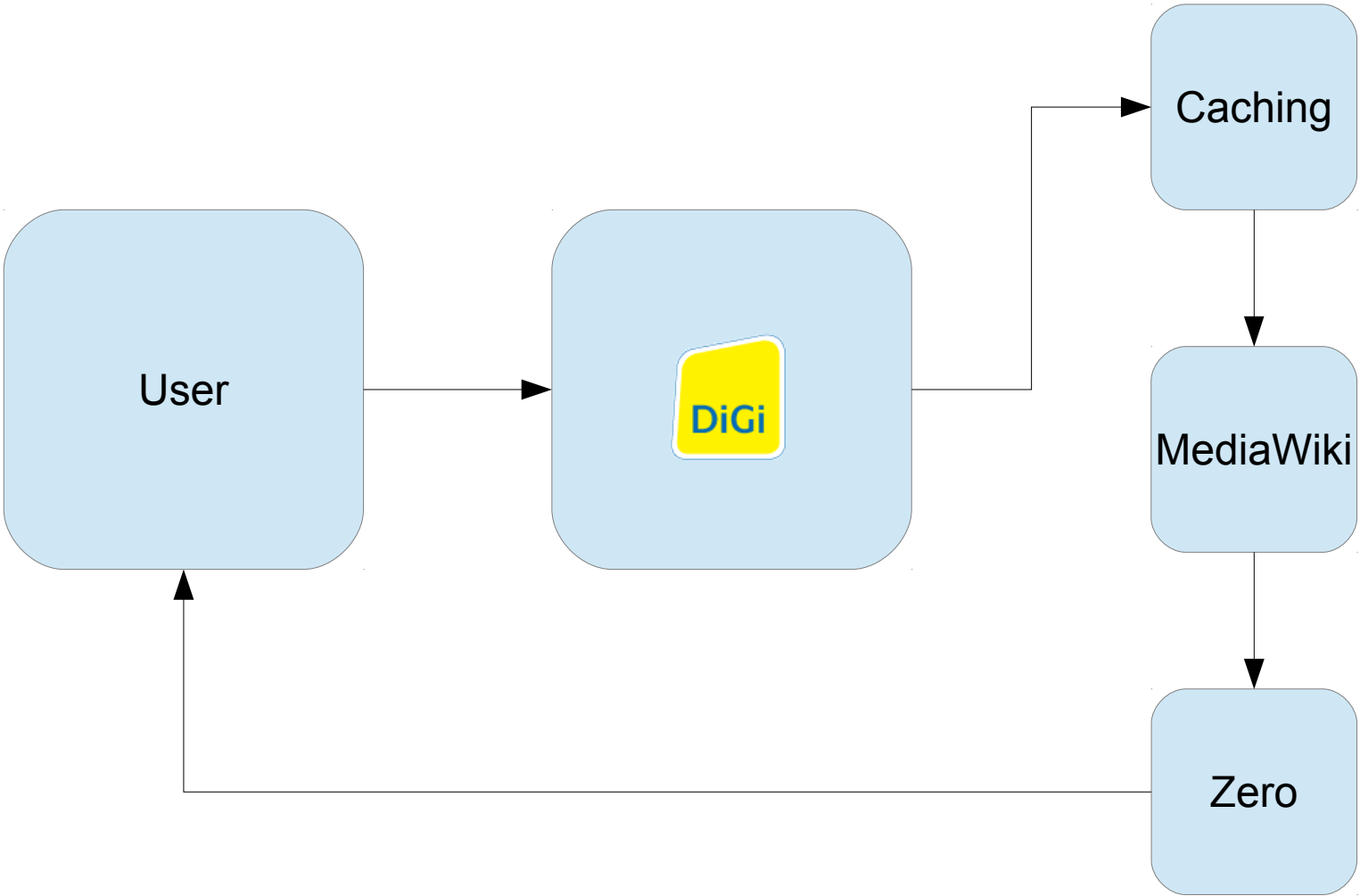
Zero

How do we connect a carrier to Wikimedia infrastructure ?

- Gathering requirements
- Conducting live tests
- Diagnostics

http://mediawiki.org/wiki/Zero

Follow @WikimediaMobile for testing updates

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Who ...

- can pay for a data connection
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  - S40 J2ME
- have a data capable phone
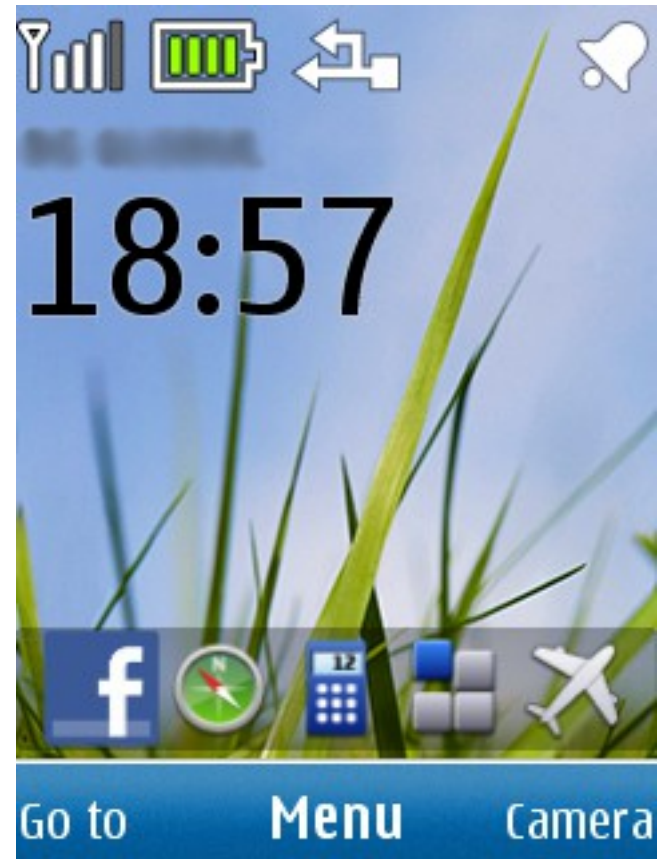
OPEN PATH PRODUCTS

J2ME

WIKIPEDIA

SearchLocal

Featured Article

Today's featured article

A photograph of the ruins of Santa Maria de Ovila

Bar billiards 🌐

Bar Billiards is a form of billiards which is often thought to be based on the traditional game of bagatelle. It actually developed from the earlier French/Belgian game billard Russe, with supposedly Russian origins.

Bar billiards in its current form started in the UK in

Feature List

- Multi lingual
- Saved pages
- Inter-wiki links
- Search suggestions
- Bookmarks
- API driven

J2ME

Home screen (Wikipedia)

WIKIPEDIA

Search

In The News ->

Featured Article Title

Some text to help show the placement of a featured article with a read more button displayed at the end indecating that the article... Continue Reading

Privacy | About | Contact

Disclaimers

Exit | Menu

Note: Home screen — Featured Article, In the news, Search

Search Results

Category

Search Results

Search Results
Category winner
Sub-Category three
Sub-Category four
Search Results
Category 12
Category
Category red

Back | Menu

Note: Search Results

Article View

Featured Article Title ⌃

Some text to help show the placement of a featured article with a read more button displayed at the end indecating that the article continues. This text will then continue until the end of it's section.

Sub-Category one
Sub-Category two
Sub-Category three
Sub-Category four
Sub-Category three

Back | Menu

Note: Article View — Once the user either select read more on the home screen or selects a search result link the main article view will display

Share Screen

WIKIPEDIA

f | t | ✉

Title: **Shared Article Title**

Comment...

Back | Share

Note: Share Screen — Users are able to select how to share the article and provide a comment when it's sent.

Menu Key Pressed

WIKIPEDIA

Search

In The News ->

Featured Article Title ⌃

Some text to help show the placement of a featured article with a read more button displayed at the end indecating that the article... Continue Re

Privacy | About

Saved Pages
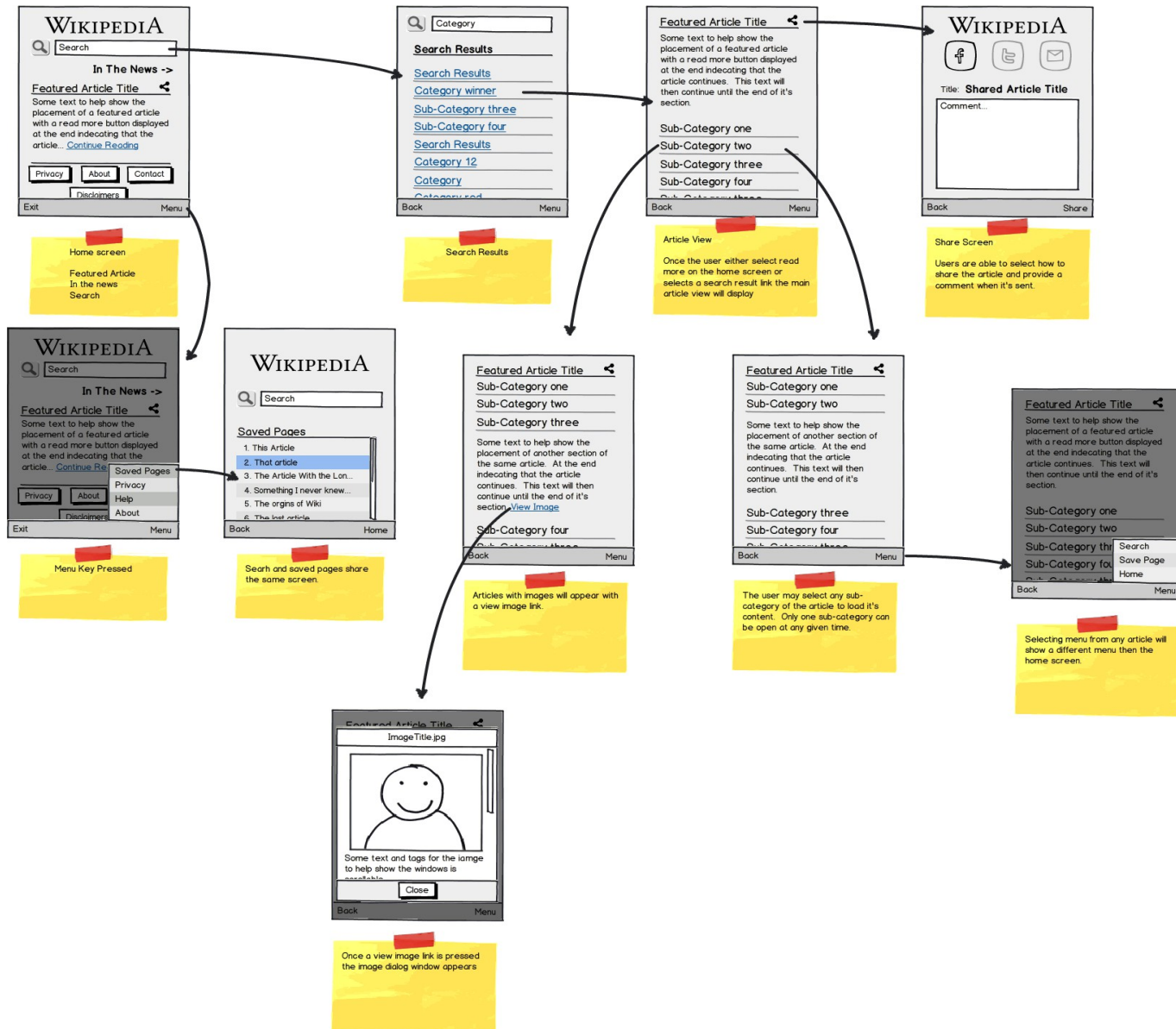Privacy
Help
About

Disclaimers

Exit | Menu

Note: Menu Key Pressed

Saved Pages

WIKIPEDIA

Search

Saved Pages

1. This Article
2. That article
3. The Article With the Lon...
4. Something I never knew...
5. The orgins of Wiki
6. The lost article

Back | Home

Note: Search and saved pages share the same screen.

Article with images

Featured Article Title ⌃

Sub-Category one
Sub-Category two
Sub-Category three

Some text to help show the placement of another section of the same article. At the end indecating that the article continues. This text will continue until the end of it's section. View Image

Sub-Category four

Back | Menu

Note: Articles with images will appear with a view image link.

Article sub-category

Featured Article Title ⌃

Sub-Category one
Sub-Category two

Some text to help show the placement of another section of the same article. At the end indecating that the article continues. This text will then continue until the end of it's section.

Sub-Category three
Sub-Category four

Back | Menu

Note: The user may select any sub-category of the article to load it's content. Only one sub-category can be open at any given time.

Article menu

Featured Article Title ⌃

Some text to help show the placement of a featured article with a read more button displayed at the end indecating that the article continues. This text will then continue until the end of it's section.

Sub-Category one
Sub-Category two
Sub-Category thr
Sub-Category fo

Search
Save Page
Home

Back | Menu

Note: Selecting menu from any article will show a different menu then the home screen.

Image dialog

Featured Article Title ⌃

ImageTitle.jpg

Some text and tags for the iamge to help show the windows is scrollable.

Close

Back | Menu

Note: Once a view image link is pressed the image dialog window appears

Featured Article Title 🔗

Sub-Category one

Sub-Category two

Sub-Category three

Some text to help show the placement of another section of the same article. At the end indecating that the article continues. This text will then continue until the end of it's section. View Image
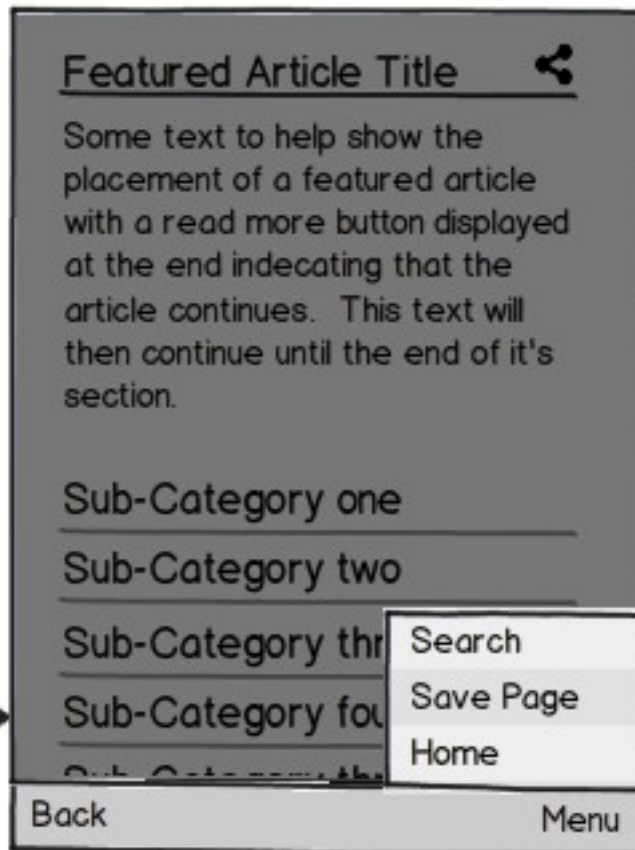
Sub-Category four

~~Sub-Category three~~

Back   Menu

Articles with images will appear with a view image link.

Featured Article Title ⌣

Some text to help show the placement of a featured article with a read more button displayed at the end indecating that the article continues. This text will then continue until the end of it's section.

Sub-Category one

Sub-Category two

Sub-Category thr | Search

Sub-Category fou | Save Page

Sub-Category th | Home

Back   Menu

Selecting menu from any article will show a different menu then the home screen.

http://www.mediawiki.org/wiki/J2ME

http://github.com/wikimedia/WikipediaMobileJ2ME

Who ...

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  - J2ME
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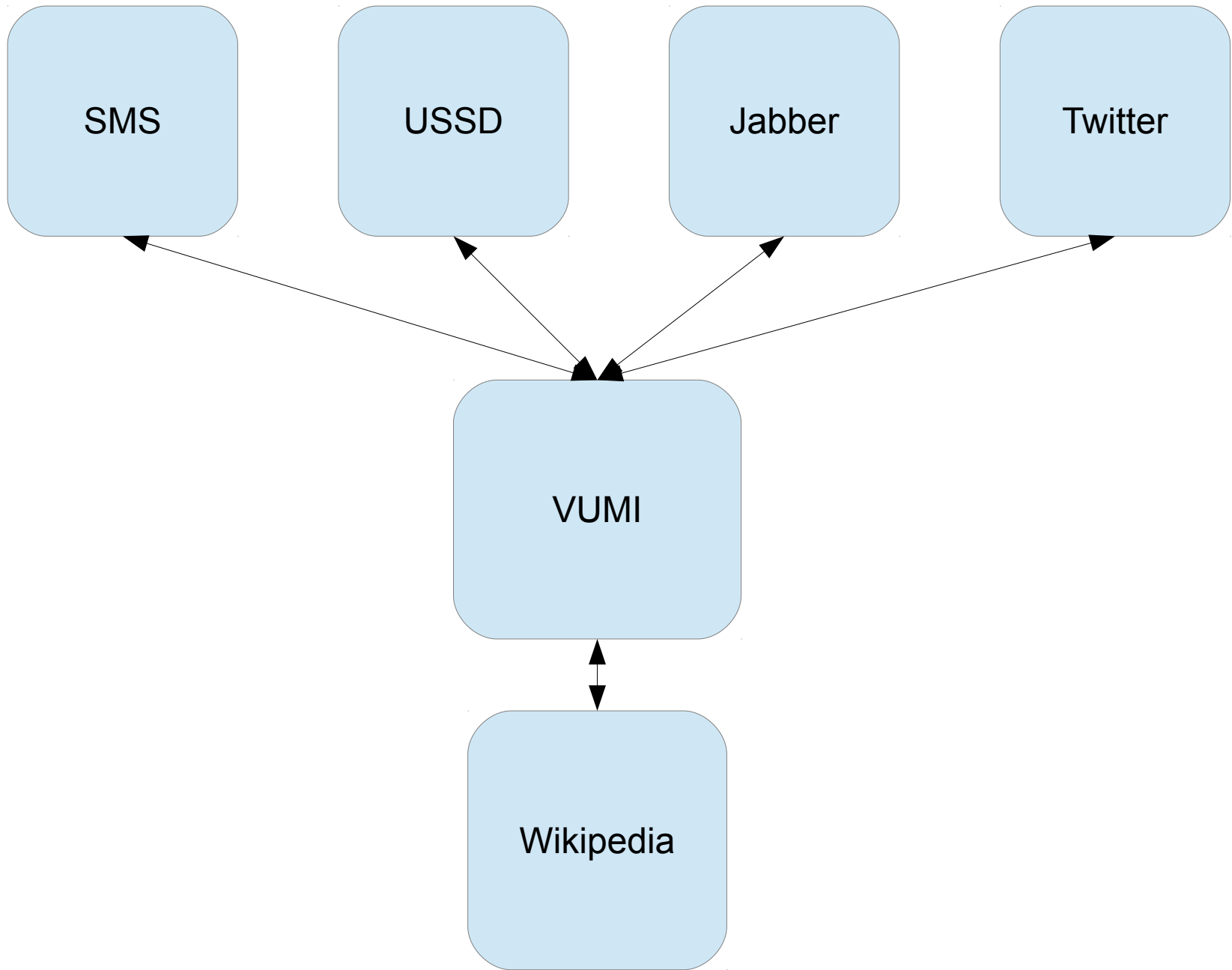 - J2ME
- have a data capable phone
  - **SMS/USSD**

SMS + USSD

USSD … what?

- uses short codes
- menu based
- no data fees
- no app needed

```
        SMS            USSD            Jabber          Twitter


                            VUMI


                          Wikipedia
```

Wikipedia: 1. Saturn
  2. Sega Saturn
  3. FC Saturn Moscow Oblast
  4. Saturn Corporation
  5. Saturn (mythology)
  6. Saturn V
  7. Rings of Saturn

me: 1

Wikipedia: 1. Saturn
  2. Physical characteristics
  3. Internal structure
  4. Atmosphere
  5. Cloud layers
  6. North pole hexagonal cloud pattern
  7. Magnetosphere

me: 2

Wikipedia: Saturn is classified as a gas giant planet because the exterior is predominantly composed of gas and it lacks a definite surface,...
(Full content sent by SMS.)

me: mars

Wikipedia: 1. Mars
   2. Destro
   3. Mars (disambiguation)
   4. MaRS Discovery District
   5. Mars (mythology)
   6. Mars, Incorporated
   7. Exploration of Mars
   8. Manned mission to Mars

me: 5

Wikipedia: 1. Mars (mythology)
   2. Birth
   3. Consort
   4. Essential nature
   5. Sacred animals
   6. Sacrificial animals
   7. Iconography
   8. The spear of Mars
   9. Festivals

me: 1

Wikipedia: Mars (Latin: Mārs, adjectives Martius and...
   (Full content sent by SMS.)

http://mediawiki.org/wiki/SMS

wikipediavumitest@gmail.com

https://github.com/praekelt/vumi-wikipedia/

Recap

Users who ...

- can't pay for a data connection
  - Wikipedia Zero
- don't have a modern phone
  - S40 J2ME
- don't have a data connection
  - SMS/USSD

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Questions?

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~

www.wikimediafoundation.org

http://wikitech.wikimedia.org/view/Presentations