

# Kako iz spletne narediti Android App



Janko Mivšek

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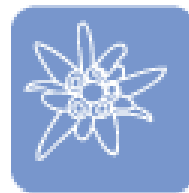
```
e add: self documentTitleElement; add: self documentActionsElement.  
bucketElement := self bucketsElement. "detailed info, references..."  
e add: self infoLineElement. "brief info about document"  
e add: bucketElement. "infoLine needs buckets before"
```



**AIDAweb**  
Smalltalk Web Application Server

```
e addTextH4: 'AiDing the WeB'.  
element := self ajaxDelayedFieldElement.  
input := WebDelayedField aspect: #delayedInput for: self observee.
```

**This is HOW the Web Works!**



**AIDAweb**

Smalltalk Web Application Server

[www.aidaweb.si](http://www.aidaweb.si)

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# Spletne tehnologije tudi za mobilne App



HTML5



CSS3



JavaScript

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# Zakaj?

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- ▶ Obvladamo spletne tehnologije, mobilnih pa ne
  - ▶ HTML, CSS, Javascript, ne pa Java, Objective C, ...
- ▶ Dostop do dodatnih možnosti naprave
- ▶ Objava v App trgovinah
  - ▶ Trenutno zelo v modi
  - ▶ Prodaja
- ▶ Prenosljivost na več mobilnih platform

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# Samostojnost spletnih aplikacij



- ▶ Iz strežnika vse bolj na odjemalec
- ▶ Neodvisnost od stalne povezave s strežnikom
- ▶ HTML5
  - ▶ Lokalna hramba podatkov
  - ▶ Nepovezan način
  - ▶ Geolokacija, ...
- ▶ JavaScript
  - ▶ Vse močnejši navidezni stroji (VM)
  - ▶ Standardizan na vseh brskalnikih (celo IE :)

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# PhoneGap



[www.phonegap.com](http://www.phonegap.com)

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# PhoneGap



- Odprtokodna rešitev
- MIT licenca
- Spletna skupnost

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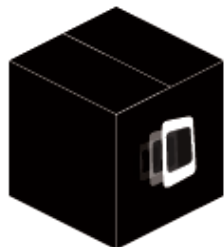




# Postopek izdelave aplikacije



1. Aplikacijo razvijemo **z uporabo spletnih tehnologij**



2. s **PhoneGap** jo „zavijemo“ v mobilno aplikacijo



3. **naložimo** jo na katerokoli od več mobilnih platform

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# Podprte mobilne platforme



| SUPPORTED  | COMING SOON  |
|--|--|
|     <b>symbian</b><br>OS |  <b>MeeGo</b> <b>bada</b> |

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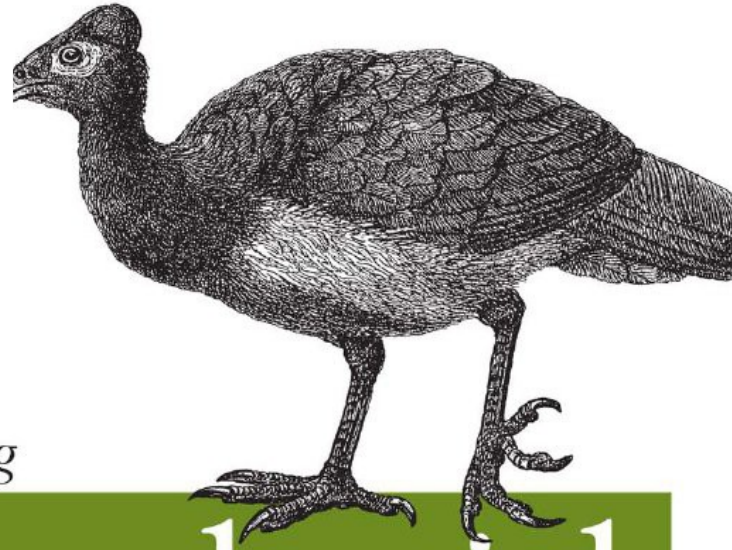
# PhoneGap API



- ▶ Accelerometer
- ▶ Camera
- ▶ Compass
- ▶ Contacts
- ▶ Device
- ▶ Events
- ▶ File
- ▶ Geolocation
- ▶ Media
- ▶ Network
- ▶ Notification
- ▶ Storage

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*Building*

# Android Apps

*with HTML, CSS, and JavaScript*

O'REILLY®

*Jonathan Stark*



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Hvala za vašo pozornost!

[www.aidaweb.si](http://www.aidaweb.si)

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