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# **crxdoc***zhDocumentation*

***Release 12.05.20***

**lb-crx**

June 12, 2012



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Google Chrome Extensions ,!



(1/5)

## 1.1 Hello, World! (1/2)

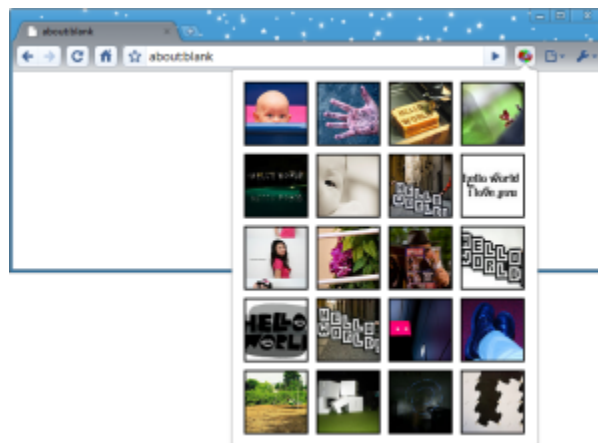
Chrome 200965 Google

- Chromium
- , Chromium
- „ JS , Chrome „,

,!

!

### 1.1.1

[illegible]

Chrome , Chrome ,!!

“ “  
; •

1. ( *Workscrxhollworld*)

2. `manifest.json` :

```
{
  "name": "My First Extension",
  "version": "1.0",
  "manifest_version": 2,
  "description": "The first extension that I made.",
  "browser_action": {
    "default_icon": "icon.png"
  },
  "permissions": [
    "http://api.flickr.com/"
  ]
}
```

## 3. :



Figure 1.1: icon.png

## 1. :

- (a) ->
- (b) ,,
- (c) ,
- (d) ,,



Figure 1.2: ,

!

1. `manifest.json` :



```
...
"browser_action": {
  "default_icon": "icon.png",
  "default_popup": "popup.html"
},
...
```

```
: 'popup.html' 'popup.js'
```

2. , ,

3. , *popup.html*

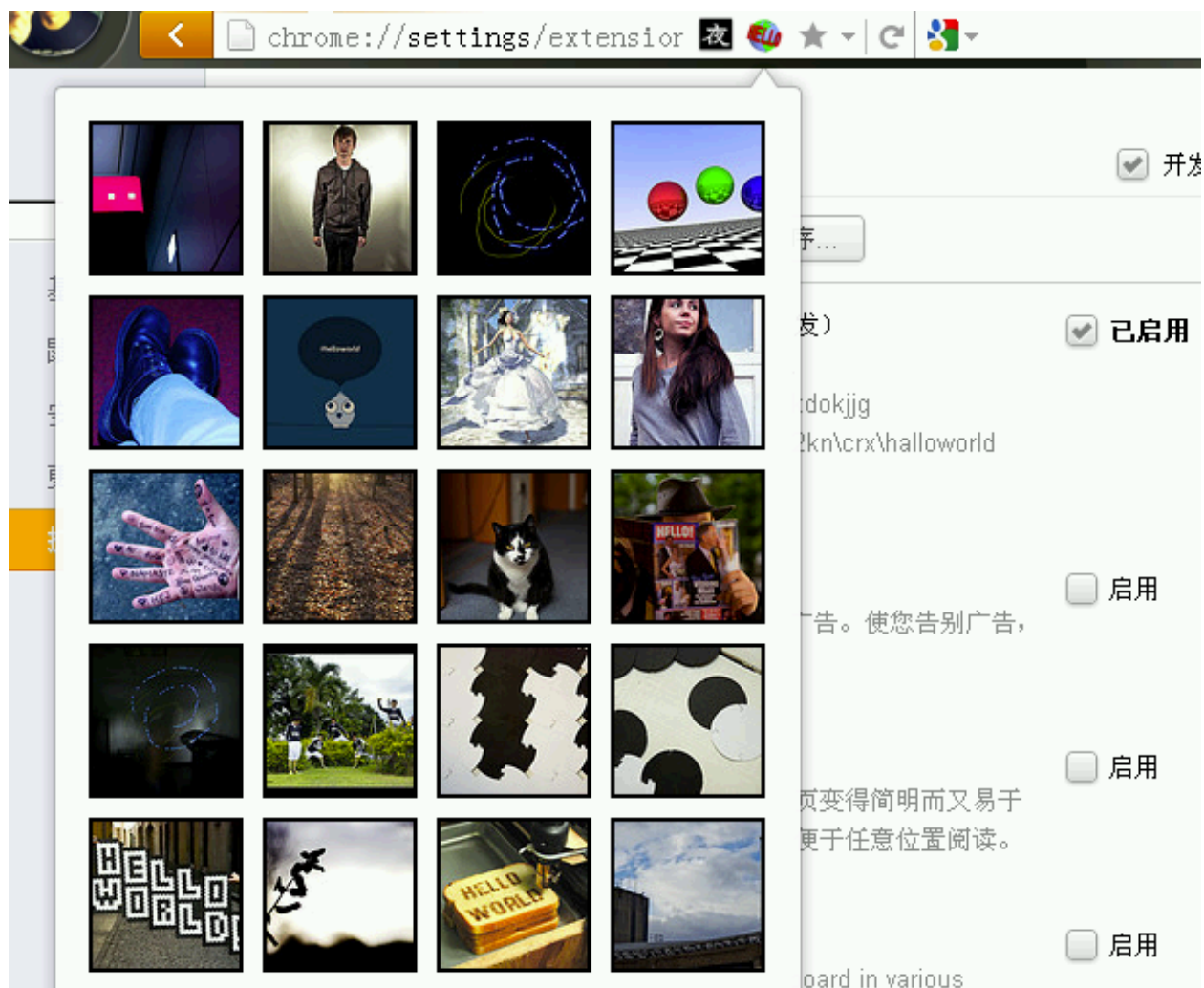


Figure 1.3:

**Note:** (~\_~)

- „
- , *popup.html* !

## popup.html

```
<!doctype html>
<html>
  <head>
    <title>Getting Started Extension's Popup</title>
    <style>
      body {
        min-width:357px;
        overflow-x:hidden;
      }

      img {
        margin:5px;
        border:2px solid black;
        vertical-align:middle;
        width:75px;
        height:75px;
      }
    </style>

    <!-- JavaScript and HTML must be in separate files for security. -->
    <script src="popup.js"></script>
  </head>
  <body>
  </body>
</html>
```

## popup.js

```
// Copyright (c) 2012 The Chromium Authors. All rights reserved.
// Use of this source code is governed by a BSD-style license that can be
// found in the LICENSE file.

var req = new XMLHttpRequest();
req.open(
  "GET",
  "http://api.flickr.com/services/rest/?" +
    "method=flickr.photos.search&" +
    "api_key=90485e931f687a9b9c2a66bf58a3861a&" +
    "text=hello%20world&" +
    "safe_search=1&" + // 1 is "safe"
    "content_type=1&" + // 1 is "photos only"
    "sort=relevance&" + // another good one is "interestingness-desc"
    "per_page=20",
  true);
req.onload = showPhotos;
req.send(null);

function showPhotos() {
  var photos = req.responseXML.getElementsByTagName("photo");

  for (var i = 0, photo; photo = photos[i]; i++) {
    var img = document.createElement("img");
    img.src = constructImageUrl(photo);
    document.body.appendChild(img);
  }
}
```

```

    }
}

// See: http://www.flickr.com/services/api/misc.urls.html
function constructImageUrl(photo) {
    return "http://farm" + photo.getAttribute("farm") +
        ".static.flickr.com/" + photo.getAttribute("server") +
        "/" + photo.getAttribute("id") +
        "_" + photo.getAttribute("secret") +
        "_s.jpg";
}

```

?

? :

- 
- 

,:

- : chromium-extensions
- [Stack Overflow](#) [google-chrome-extension]
- 
- ,:
- [How to build an extension](#)
- {1013vol.28}ZQ: Chrome
- {1020vol.29}ZQ: Chrome

Watch some videos, such as [How to build an extension](#)

**See Also:**

(^.^)

: [Getting Started](#)

## 1.1.2

*PackagedApp*

---

**Note:** *PackagedApp* *PackagedApp*

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### The basics

HTMLCSSJavascript web [API](#) XMLHttpRequestJSONHTML5

Web *Cross-Origin XMLHttpRequest*

Extension UIs

WebApp (browser action) (page action) (browser action) (page action)  
(page action)  
(browser action)

Table 1.1:

		
<i>browser action ()</i>	<i>page action () content script ()</i>	<i>browser action popup</i>

content script” “

Packaged app UIs

WebApphtml WebAppHTMLflash



See Also:

(^^)

: *Packaged App*

## Files

Referring to files

---

The manifest file

---

## Architecture

The background page

---

UI pages

---

Content scripts

---

## Using the chrome.\* APIs

Asynchronous vs. synchronous methods

---

Example: Using a callback

---

More details

---

## Communication between pages

### Saving data and incognito mode

?

**See Also:**

(^^)

: *Getting Started*

## 1.2 (0/4)

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## **1.3 (0/3)**

„ Google , OAuth

## **1.4 (0/4)**

### **1.4.1 Other APIs**

## **1.5 (0/72)**

„„„

**(0/3)**

**2.1 (0/1)**

**2.2 (0/9)**

**2.3 (0/3)**

**2.4 (0/1)**





:

- : <https://github.com/lb-crx/doc>
- : <http://crxdocz.RTFD.org>
- : OBP
- : OBP

TODO:

- 
- 

## 3.1



- [Zoom.Quiet](#)
  - Python /
  - ,'''
  - OBP

## 3.2

Creative Commons — - 2.5 — CC BY-SA 2.5

## 3.3

- 120520 [Zoom.Quiet](#)
- 110511 [Zoom.Quiet](#) crx

# 3.4 ~ *reStructuredText*

## 3.4.1 Shinx

:

**Sphinx - pymotwcn**

- <http://code.google.com/p/pymotwcn/wiki/SphinxprojectHowto>

## 3.4.2

.

URL,,;URL;

- : <http://wiki.woodpecker.org.cn/moin/ObpLovelyPython>
- : <http://bit.ly/2QA425>
- ! <http://bit.ly> ;
- :,,URL;

```
def foo():
    print "Love Python, Love FreeDome"
    print "E,.0123456789,,. "
```

.. code-block:: :

.. code-block:: python

:linenos:

```
def foo():
    print "Love Python, Love FreeDome"
    print "E,.0123456789,,. "
```

:

```
1 def foo():
2     print "Love Python, Love FreeDome"
3     print "E,.0123456789,,. "
```

:

```
.. literalinclude:: example.py
   :language: python
```

:

∴

No matter where you go, there you are.

—Buckaroo Banzai

:

**Note:** (~\_~)

- This icon signifies a tip, suggestion, or general note.

**Warning:** (#\_#)

- ...

**See Also:**

(^.^)

- ...

:

'''

:

PCS★

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- 
- 
- 
- 

### 3.4.3 rST

- „, html
- rST :

—  
— :

```

index.rst
,:
.. _chapter2index:

,:
:ref: ` <chapter2index> `
!
```

/

- ./
- rST :
  - 
  -

```

.. _fig_2_4:
.. figure:: _static/figs/tmux-curl-test.png

    2-4

, 2-4 , “2-4”
```

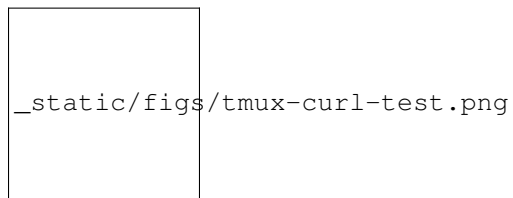


Figure 3.1: 2-4

/, html /( <sub> , <sup> ) , rST :

```

H\ :sub: `2` \ O
E = mc\ :sup: `2`
```

:

H<sub>2</sub>O

E = mc<sup>2</sup>

---

**Note:** :

”””

---

rST

```

=====
A      not A
=====
False  True
True   False
=====

.:
.. list-table::
   :widths: 15 10 30
   :header-rows: 1

   * - Treat
     - Quantity
     - Description
   * - Albatross
     - 2.99
     - On a stick!
   * - Crunchy Frog
     - 1.49
     - If we took the bones out, it wouldn't be
       crunchy, now would it?
   * - Gannet Ripple
     - 1.99
     - On a stick!

```

Table 3.1:

Treat	Quantity	Description
Albatross	2.99	On a stick!
Crunchy Frog	1.49	If we took the bones out, it wouldn't be crunchy, now would it?
Gannet Ripple	1.99	On a stick!

## reSTsections

```

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^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

''''''''''''''''''''''''''''''''''''

```

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!:

- 1
- 2
- ...

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## **3.5**

### **3.5.1**