

# Resource Description Framework

## Resource Description Framework

### Resource Description Framework

#### RDF Acronym Definition

##### What does RDF stand for?

The acronym **RDF** stands for **Resource Description Framework** anywhere that links here.

To find other possibilities for the [meaning of RDF](#) , look up the [RDF acronym](#) in the [list of acronyms starting with "R"](#).

If you use this [HTML code for acronyms](#) the intended meaning of the acronym will displayed by a pop-up tool-tip whenever anyone positions their mouse over the acronym. It also indicates to text-to-speech (auditory) browsers how to correctly pronounce the acronym.

For verbal rendering, the [pronunciation](#) of the RDF acronym should be:

**r d f**

This information can be provided to auditory browsers using either an [extended link](#) or [embedded RDF metadata](#).

This is an automatically-generated printer-friendly PDF version of the HTML web page at [Resource Description Framework](#) ← CLICK HERE to get the standard HTML version of this document.

### Resource Description Framework Usage

#### HTML for RDF Acronym

##### when RDF means Resource Description Framework

New! Now updated with the inheritance rules for the [title attribute](#) in [HTML 5](#)

The easiest way to create HTML code indicating that the acronym **RDF** stands for **Resource Description Framework** is to simply include the acronym in an HTML `<a>` tag and an abbreviation tag (not an [acronym tag](#)):

```
<a href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" title="Resource Description Framework"
onclick="if (confirm('RDF stands for Resource Description Framework')) return false;"
>
<abbr>RDF</abbr>
</a>
```

This is the recommended code for both HTML 4 browsers and HTML 5 browsers. Some browsers, most notably IE, do not activate help when the title attribute is coded on the `<abbr>` tag, but they do work as expected for titles on the `<a>` tag. The `<abbr>` tag inherits its title attribute from the parent `<a>` tag.

If you are creating HTML code for the definition of **Resource Description Framework**, the meaning of the acronym RDF, then include a [<dfn> definition tag](#) around the [<abbr> abbreviation tag](#) and follow the entire HTML code for the hypertext link with the definition of the term:

```
<p>A <a href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" title="Resource Description Framework"
onclick="if (confirm('RDF stands for Resource Description Framework')) return false;"
>
<dfn><abbr title="Resource Description Framework">RDF</abbr>
</a> is ...(definition of Resource Description Framework)....</p>
```

The `<dfn>` tag gets the term being defined from the title attribute of the `<abbr>` tag. The result should look like this (hovering your mouse over the RDF acronym shows the expanded meaning of the acronym):

A [RDF](#) is ...(definition of "Resource Description Framework")....

If you are creating HTML code that simply expands the acronym then indicate that it is the RDF acronym which is being defined using an HTML `<dfn>` tag with a title attribute around the `<abbr>` tag and follow the HTML for the hypertext link with the acronym definition:

```
<p>When we use the acronym <a href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/"
title="Resource Description Framework"
onclick="if (confirm('RDF stands for Resource Description Framework')) return false;"
>
<dfn title="RDF"><abbr title="Resource Description Framework">RDF</abbr></dfn>
</a> it is the abbreviation for Resource Description Framework.</p>
```

The result should look like this (hovering your mouse over the RDF acronym shows the definition):

# Resource Description Framework

When we use the acronym [RDF](#) it is the abbreviation for Resource Description Framework.

## Acronym Vocabulary URI Declaration

For the remaining examples, the Acronym Vocabulary namespace URI needs to be declared for use with element tag names and attribute values. For an HTML web page, the beginning of the file should look like this:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html [
<!ENTITY at "http://Acronyms.net/terms/">
<!ENTITY av "http://Acronyms.net/vocabulary/">
]>
<html xmlns="http://www.w3.org/1999/xhtml" xmlns:av="&av;">
<head>
<style type="text/css">
.hide { display: none }
</style>
```

...

This only needs to be done once per document file.

## XLink simple link

First, [declare the vocabulary](#) as shown above. Then, add acronyms as follows:

```
<a href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" title="Resource Description
Framework"
xlink:type="simple"
xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/"
xlink:arcrole="&av;definedAt"
xlink:role="&av;definition"
xlink:title="Resource Description Framework"
xlink:show="new"
xlink:actuate="onRequest"
>
<abbr
xlink:type="simple"
xlink:href="&at;Resource-Description-Framework"
xlink:arcrole="&av;standsFor"
xlink:role="&av;term"
xlink:title="RDF - Resource Description Framework"
xlink:show="new"
xlink:actuate="onRequest"
>RDF</abbr></dfn>
</a>
```

## XLink extended link

First, [declare the vocabulary](#) as shown above. Then, add acronyms as follows:

```
<a xlink:type="extended" href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" title="Resource
Description Framework">
<abbr xlink:type="resource" xlink:label="acronym">RDF</abbr>
<span class="hide" xlink:type="resource" xlink:label="verbal" xlink:title="pronunciation">r d f</span>
<span class="hide" xlink:type="resource" xlink:label="expand" xlink:title="expansion">Resource Description
Framework</span>
<span class="hide" xlink:type="locator" xlink:label="term" xlink:role="&av;term"
xlink:href="&at;Resource-Description-Framework" xlink:title="Resource Description Framework"/>
<span class="hide" xlink:type="locator" xlink:label="definition" xlink:role="&av;definition"
xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" xlink:title="Resource Description
Framework"/>
<span class="hide" xlink:type="locator" xlink:label="finder" xlink:role="&av;reference"
xlink:href="http://www.Acronyms.net/reference/r/RDF#Resource-Description-Framework" xlink:title="RDF - Resource
Description Framework"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;pronounceAs" xlink:to="verbal"
xlink:actuate="onLoad"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;expandsTo" xlink:to="expand"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;standsFor" xlink:to="term"/>
<span class="hide" xlink:type="arc" xlink:from="term" xlink:arcrole="&av;definedAt" xlink:to="definition"
xlink:show="new" xlink:actuate="onRequest"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;foundAt" xlink:to="finder"
```

# Resource Description Framework

```
xlink:show="new" xlink:actuate="onRequest"/>
</a>
```

## embedded RDF metadata

First, [declare the vocabulary](#) as shown above. Then, add acronyms as follows:

```
<a href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" title="Resource Description Framework">
<abbr>RDF</abbr>
</a>
```

## URI Reference for Resource Description Framework

### URI Reference for Advanced Webmasters

This page is intended for advanced users, such as developers who are creating XML documents or building Semantic Web sites, who want to code their own simple or extended links, or RDF metadata. For all other purposes, the [HTML hypertext links](#), which show the proper usage of URI References, should be used instead.

In RDF or XML documents, refer to the abstract concept of **Resource Description Framework** using this URI reference:

**<http://Acronyms.net/terms/r/Resource-Description-Framework>**

or, declare the `&` entity as shown below and use:

**`&`ResourceDescriptionFramework**

Note that a URI Reference is case-sensitive, and that `www.` is omitted since it is not intended to be a web-accessible resource.

Use the following URL to refer to the web page that defines this term:

**<http://www.Acronyms.net/terms/r/Resource-Description-Framework>**

## Examples

### Acronym Vocabulary URI Declaration

The Acronym Vocabulary namespace URI needs to be declared for use with element tag names and attribute values. The beginning of an HTML document should look like this:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html [
<!ENTITY at "http://Acronyms.net/terms/">
<!ENTITY av "http://Acronyms.net/vocabulary/">
]>
<html xmlns="http://www.w3.org/1999/xhtml" xmlns:av="&av;">
<head>
<style type="text/css">
.hide { display: none }
</style>
```

...

This only needs to be done once per document file.

### XLink Simple Link

```
<link xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" xlink:title="Resource Description Framework"
xlink:type="simple"
xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/"
xlink:arcrole="&av;definedAt"
xlink:role="&av;definition"
xlink:title="Resource Description Framework"
xlink:show="new"
xlink:actuate="onRequest"
>
<abbr
xlink:type="simple"
xlink:href="&Resource-Description-Framework"
xlink:arcrole="&av;standsFor"
xlink:role="&av;term"
xlink:title="RDF - Resource Description Framework"
xlink:show="new"
```

# Resource Description Framework

```
xlink:actuate="onRequest"
>RDF</abbr>
</link>
XLink Extended Link
```

```
<link xlink:type="extended" xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/"
xlink:title="Resource Description Framework">
<abbr xlink:type="resource" xlink:label="acronym">RDF</abbr>
<span class="hide" xlink:type="resource" xlink:label="verbal" xlink:title="pronunciation">r d f</span>
<span class="hide" xlink:type="resource" xlink:label="expand" xlink:title="expansion">Resource Description
Framework</span>
<span class="hide" xlink:type="locator" xlink:label="term" xlink:role="&av;term"
xlink:href="&at;Resource-Description-Framework" xlink:title="Resource Description Framework"/>
<span class="hide" xlink:type="locator" xlink:label="definition" xlink:role="&av;definition"
xlink:href="http://www.Acronyms.net/terms/r/Resource-Description-Framework/" xlink:title="Resource Description
Framework"/>
<span class="hide" xlink:type="locator" xlink:label="finder" xlink:role="&av;reference"
xlink:href="http://www.Acronyms.net/reference/r/RDF#Resource-Description-Framework" xlink:title="RDF - Resource
Description Framework"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;pronounceAs" xlink:to="verbal"
xlink:actuate="onLoad"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;expandsTo" xlink:to="expand"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;standsFor" xlink:to="term"/>
<span class="hide" xlink:type="arc" xlink:from="term" xlink:arcrole="&av;definedAt" xlink:to="definition"
xlink:show="new" xlink:actuate="onRequest"/>
<span class="hide" xlink:type="arc" xlink:from="acronym" xlink:arcrole="&av;foundAt" xlink:to="finder"
xlink:show="new" xlink:actuate="onRequest"/>
</link>
```

RDF metadata

```
<rdf:Description rdf:about="...">
<av:standsFor rdf:resource="&at;ResourceDescriptionFramework"/>
</rdf:Description>
<rdf:Description rdf:about="...">
<av:standsFor>
<rdf:Description rdf:about="&at;ResourceDescriptionFramework">
<av:definedBy rdf:resource="http://www.Acronyms.net/terms/r/Resource-Description-Framework"/>
</rdf:Description>
</av:standsFor>
</rdf:Description>
```

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