

# Apuntes AJAX

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## 1 Experiencia de instalación

Solo tuve un problema pero no era del programa, era mi laptop que ya no tenía espacio para instalar más programas. Por lo demás no tuve ningun problema. Muy facil de instalar.

## 2 Apuntes relevantes

AJAX: Asynchronous, JavaScript, And, XML Se utilizan conexiones asincrónas.

## 3 Historia

Surge debido a la necesidad de poder realizar aplicaciones web que fueran más dinámicas. Aprovecha los tags.

## 4 Tecnologías

- HTML y CSS.
- Document Object Model.
- XMLHttpRequest: Acepta mas formatos y no solo XML.
- XML, texto plano, JSON, EBML.

## 5 Ventajas

- Adaptabilidad.
- Mejora la experiencia de usuario.

```

# bio.txt
Rick Sanchez from Earth dimension C-137 is the father of Beth Smith, and the grandfather of Morty Smith and Summer Smith.
He is said to have been away from the family for several years prior to the events of the show.
He frequently travels on adventures through space and other planets and dimensions with his grandson Morty.
In the third season of the show, it is revealed that he is 70 years old.[2] Rick is portrayed as a mad scientist;
utilizing his mathematical and scientific prowess in conjunction with apathy and egotistical cynicism,
he emerges safely from any situation, regardless of the consequences of his self-preservation. Rick also, in some episodes,
desperately tries to regain his family after losing their trust.
The creators wanted him to look like he was in control strategically, but not at all when it came to personal matters.

```

Figure 1: Archivo bio.txt

```

# index.css
body {
    color: springgreen;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    margin: 0 150px;
    background-image: url(fondo.jpg);
    background-size: cover;
}
.container {
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    padding-top: 50px;
}
img {
    width: 500px;
    border-radius: 50%;
}
.request {
    color: springgreen;
    margin-top: 50px;
    font-style: italic;
    background-color: black;
    border: none;
    padding: 1rem;
    border-radius: 15px;
}
#bio {
    margin-top: 50px;
}

```

Figure 2: Archivo index.css

## 6 Desventajas

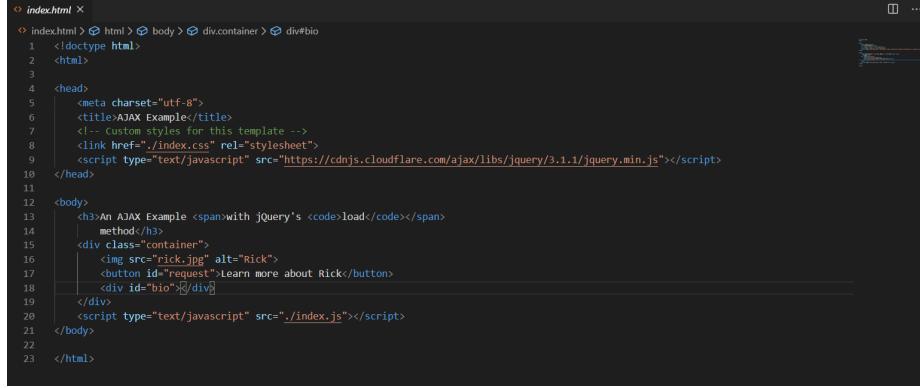
- Problemas de acceso.
- Algunos navegadores tienen problemas.

## 7 Taller

### 7.1 Explicación

Crear una pequeña página donde vamos a tener una imagen de algún persona famoso, donde a la hora de darle clic en el botón de abajo se mostrara la información del personaje.

### 7.2 Evidencias



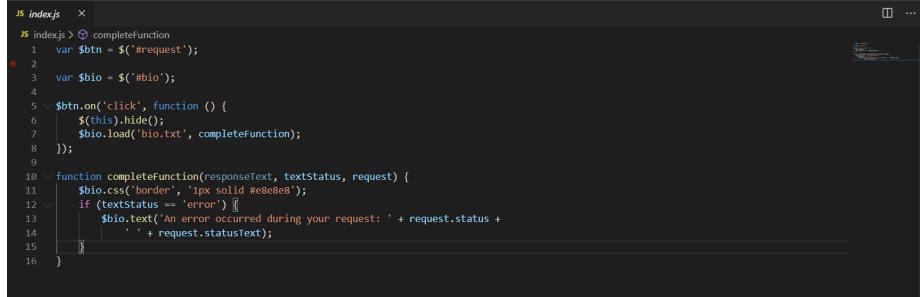
```

<!DOCTYPE html>
<html><head>
<meta charset="utf-8">
<title>AJAX Example</title>
<!-- Custom styles for this template -->
<link href="./index.css" rel="stylesheet">
<script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.1.1/jquery.min.js"></script>
</head>
<body>
<h3>An AJAX Example <span>with jQuery's <code>.load</code></span></h3>
<div class="container">

<button id="request">Learn more about Rick</button>
<div id="bio"></div>
</div>
<script type="text/javascript" src="./index.js"></script>
</body>
</html>

```

Figure 3: Archivo index.html



```

var $btn = $("#request");
var $bio = $("#bio");

$btn.on("click", function () {
    $(this).hide();
    $bio.load('bio.txt', completeFunction);
});

function completeFunction(responseText, textStatus, request) {
    $bio.css('border', '1px solid #e8e8e8');
    if (textStatus == 'error') {
        $bio.text('An error occurred during your request: ' + request.status +
                  ' ' + request.statusText);
    }
}

```

Figure 4: Archivo index.js

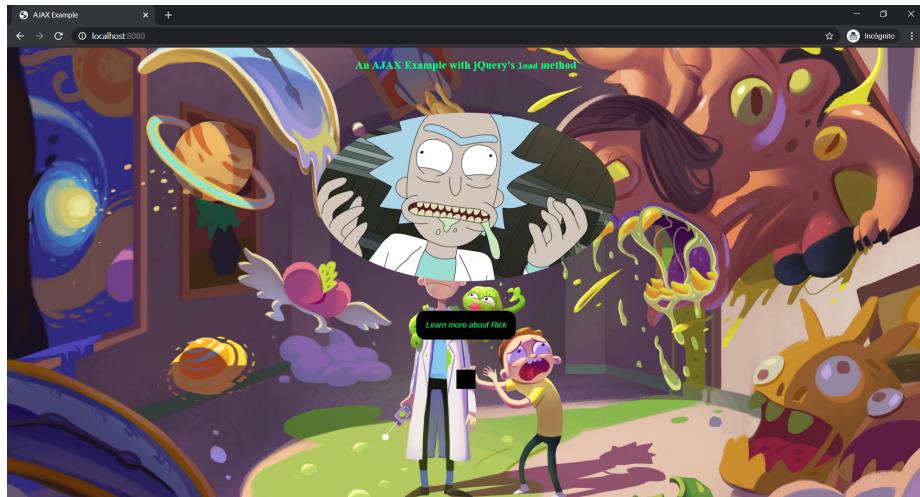


Figure 5: Página cargada

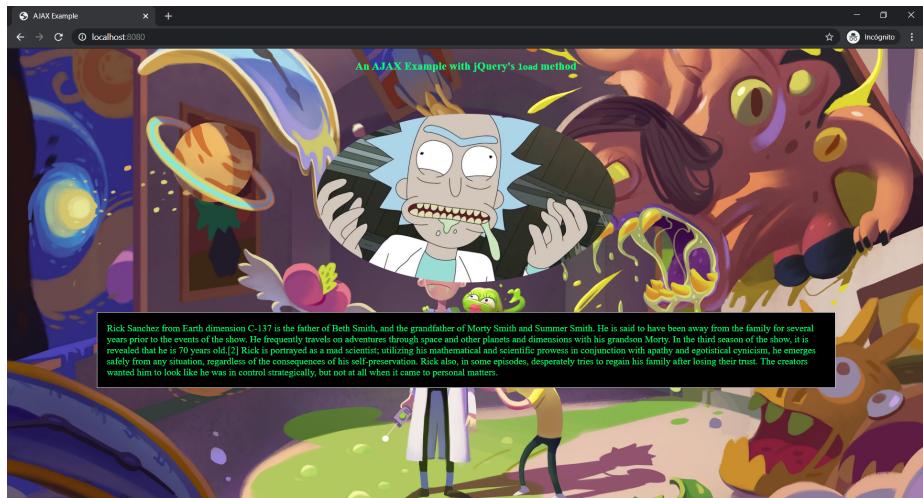


Figure 6: Información del personaje