

DTD/XML

1.

```
<?xml version = '1.0'?>
<!DOCTYPE ROWSET SYSTEM "LISTA.DTD">
<ROWSET>
  <ROW num="1">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>PS</PARTIDO>
    <MANDATOS>3</MANDATOS>
  </ROW>
  <ROW num="2">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>PPDPSD</PARTIDO>
    <MANDATOS>2</MANDATOS>
  </ROW>
  <ROW num="3">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>PDA</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
  <ROW num="4">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>PCTPMRPP</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
  <ROW num="5">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>PCPPEV</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
  <ROW num="6">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>MPT</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
  <ROW num="7">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>CDSPP</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
  <ROW num="8">
    <DISTRITO>40</DISTRITO>
    <PARTIDO>BE</PARTIDO>
    <MANDATOS>0</MANDATOS>
  </ROW>
</ROWSET>
```

2.

```
<-- No próprio ficheiro xml -->
<!DOCTYPE ROWSET[
<!ELEMENT ROWSET (ROW*)>
<!ELEMENT ROW (DISTRITO, PARTIDO, MANDATOS)>
<!ATTLIST ROW num CDATA #REQUIRED>
<!ELEMENT DISTRITO (#PCDATA)>
<!ELEMENT PARTIDO (#PCDATA)>
<!ELEMENT MANDATOS (#PCDATA)>
]>
```

```

<-- Num ficheiro extensão dtd -->
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT ROWSET (ROW+)>
<!ELEMENT ROW (DISTRITO, PARTIDO, MANDATOS)>
<!ATTLIST ROW num CDATA #REQUIRED>
<!ELEMENT DISTRITO (#PCDATA)>
<!ELEMENT PARTIDO (#PCDATA)>
<!ELEMENT MANDATOS (#PCDATA)>

3.
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT DOCUMENT (TITLE,SEASON,SIGNATURE)>
<!ELEMENT TITLE (#PCDATA)>
<!ELEMENT YEAR (#PCDATA)>
  <!ELEMENT LEAGUE (LEAGUE_NAME, DIVISION, DIVISION, DIVISION)>

  <!-- American or National -->
  <!ELEMENT LEAGUE_NAME (#PCDATA)>

  <!-- East, West, or Central -->
  <!ELEMENT DIVISION_NAME (#PCDATA)>
  <!ELEMENT DIVISION (DIVISION_NAME, TEAM+)>
  <!ELEMENT SEASON (YEAR, LEAGUE, LEAGUE)>
  <!ELEMENT TEAM (TEAM_CITY, TEAM_NAME, PLAYER*)>
  <!ELEMENT TEAM_CITY (#PCDATA)>
  <!ELEMENT TEAM_NAME (#PCDATA)>
  <!ELEMENT PLAYER (GIVEN_NAME, SURNAME, P, G,
    GS, AB?, R?, H?, D?, T?, HR?, RBI?, SB?, CS?,
    SH?, SF?, E?, BB?, S?, HBP?, CG?, SO?, ERA?, IP?,
    HRA?, RA?, ER?, HB?, WP?, B?, WB?, K?)
  >

  <!ELEMENT SIGNATURE (COPYRIGHT, EMAIL, LAST_MODIFIED)>
  <!ELEMENT COPYRIGHT (#PCDATA)>
  <!ELEMENT EMAIL (#PCDATA)>
  <!ELEMENT LAST_MODIFIED (#PCDATA)>

<!-- ===== -->
<!-- Player Info -->
<!-- Player's last name -->
<!ELEMENT SURNAME (#PCDATA)>

<!-- Player's first name -->
<!ELEMENT GIVEN_NAME (#PCDATA)>

<!-- Position -->
<!ELEMENT P (#PCDATA)>

<!--Games Played -->
<!ELEMENT G (#PCDATA)>

<!--Games Started -->
<!ELEMENT GS (#PCDATA)>

<!-- ===== -->
<!-- Batting Statistics -->
<!-- At Bats -->
<!ELEMENT AB (#PCDATA)>

<!-- Runs -->
<!ELEMENT R (#PCDATA)>

```

```
<!-- Hits -->
<!ELEMENT H (#PCDATA)>

<!-- Doubles -->
<!ELEMENT D (#PCDATA)>

<!-- Triples -->
<!ELEMENT T (#PCDATA)>

<!-- Home Runs -->
<!ELEMENT HR (#PCDATA)>

<!-- Runs Batted In -->
<!ELEMENT RBI (#PCDATA)>

<!-- Stolen Bases -->
<!ELEMENT SB (#PCDATA)>

<!-- Caught Stealing -->
<!ELEMENT CS (#PCDATA)>

<!-- Sacrifice Hits -->
<!ELEMENT SH (#PCDATA)>

<!-- Sacrifice Flies -->
<!ELEMENT SF (#PCDATA)>

<!-- Errors -->
<!ELEMENT E (#PCDATA)>

<!-- Walks (Base on Balls) -->
<!ELEMENT BB (#PCDATA)>

<!-- Struck Out -->
<!ELEMENT S (#PCDATA)>

<!-- Hit By Pitch -->
<!ELEMENT HBP (#PCDATA)>

<!-- ===== -->
<!-- Pitching Statistics -->
<!-- Complete Games -->
<!ELEMENT CG (#PCDATA)>

<!-- Shut Outs -->
<!ELEMENT SO (#PCDATA)>

<!-- ERA -->
<!ELEMENT ERA (#PCDATA)>

<!-- Innings Pitched -->
<!ELEMENT IP (#PCDATA)>

<!-- Home Runs hit Against -->
<!ELEMENT HRA (#PCDATA)>

<!-- Runs hit Against -->
<!ELEMENT RA (#PCDATA)>

<!-- Earned Runs -->
<!ELEMENT ER (#PCDATA)>
```

```
<!-- Hit Batter -->
<!ELEMENT HB (#PCDATA)>

<!-- Wild Pitches -->
<!ELEMENT WP (#PCDATA)>

<!-- Balk -->
<!ELEMENT B (#PCDATA)>

<!-- Walked Batter -->
<!ELEMENT WB (#PCDATA)>

<!-- Struck Out Batter -->
<!ELEMENT K (#PCDATA)>

<!-- ===== -->
<!-- Fielding Statistics -->
<!-- Not yet supported -->
```