

**Liens suffixiels** : repèrent les motifs répétés dans la séquence

32.

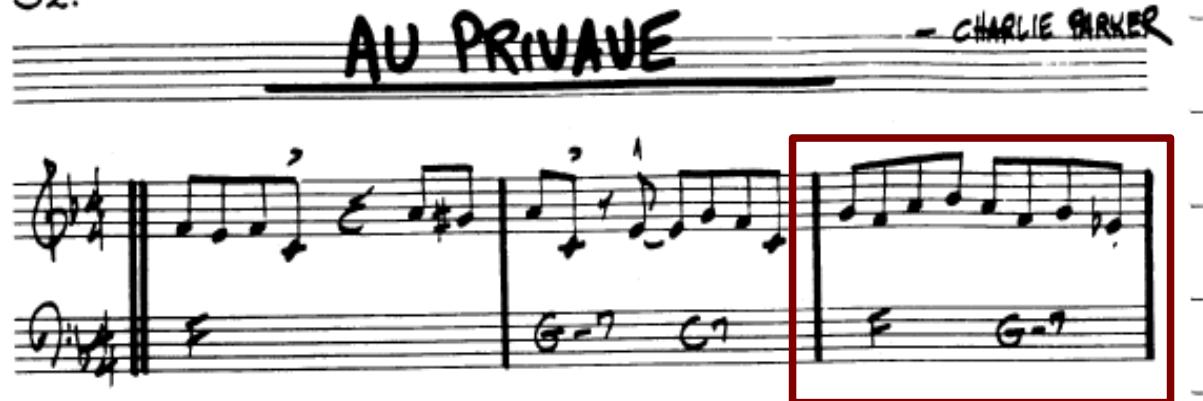
## AU PRIVAWE

— CHARLIE PARKER

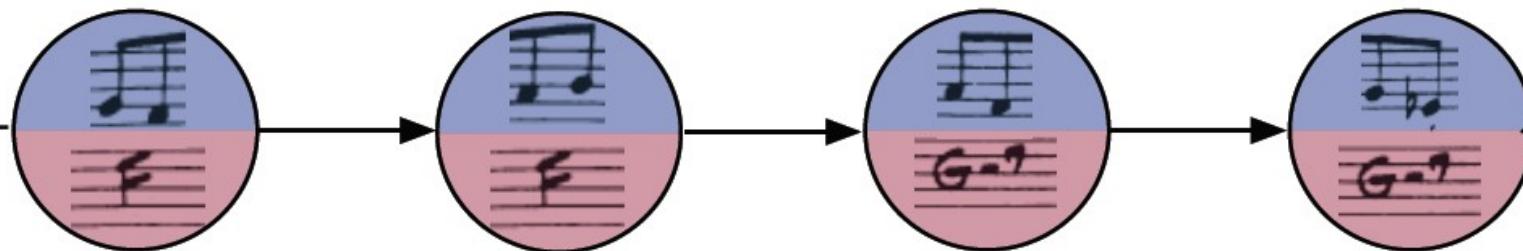
Handwritten musical score for a band, page 2, measures 11-18. The score consists of four staves. The top staff is a treble clef staff with a key signature of one sharp (F#). The second staff is a bass clef staff with a key signature of one sharp (F#). The third staff is a treble clef staff with a key signature of one sharp (F#). The bottom staff is a bass clef staff with a key signature of one sharp (F#). Measures 11-12: Treble staff has eighth-note patterns. Bass staff has notes F and G-7. Measures 13-14: Treble staff has eighth-note patterns. Bass staff has notes G-7 and C7. Measures 15-16: Treble staff has eighth-note patterns. Bass staff has notes F and G-7. Measures 17-18: Treble staff has eighth-note patterns. Bass staff has notes C-7 and F#-7. Measures 19-20: Treble staff has eighth-note patterns. Bass staff has notes Bb (W) and E7. Measures 21-22: Treble staff has eighth-note patterns. Bass staff has notes Bb-7 and E7. Measures 23-24: Treble staff has eighth-note patterns. Bass staff has notes F and G-7. Measures 25-26: Treble staff has eighth-note patterns. Bass staff has notes A-7 and D7. Measures 27-28: Treble staff has eighth-note patterns. Bass staff has notes G-7 and C7. Measures 29-30: Treble staff has eighth-note patterns. Bass staff has notes G-7 and C7. Measures 31-32: Treble staff has eighth-note patterns. Bass staff has notes D7 (W) and G-7. Measures 33-34: Treble staff has eighth-note patterns. Bass staff has notes G-7 and C7.

32.

**AU PRIVAUE** - CHARLIE PARKER

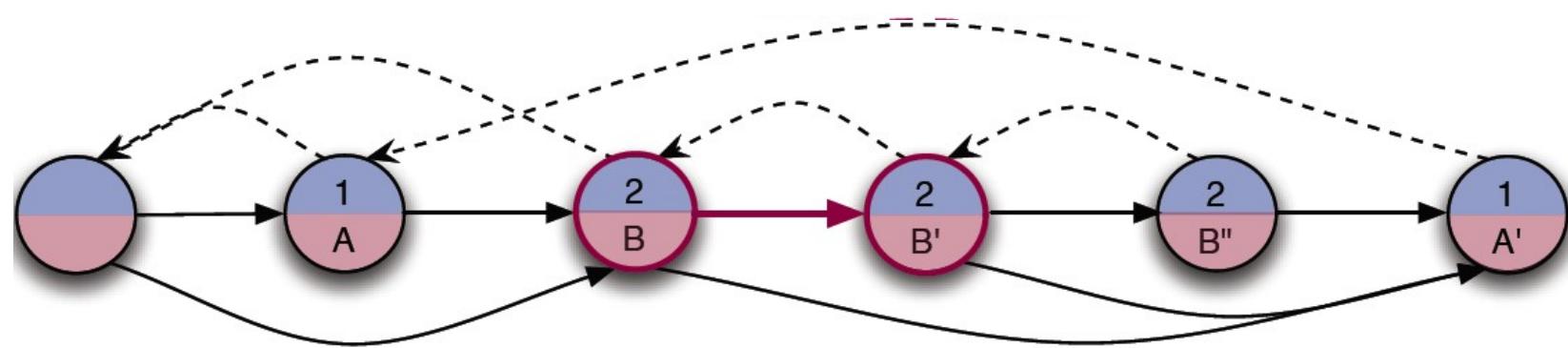


Oracle d'harmonisation





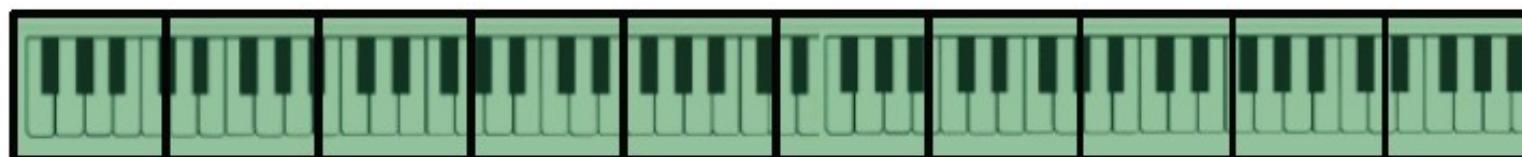
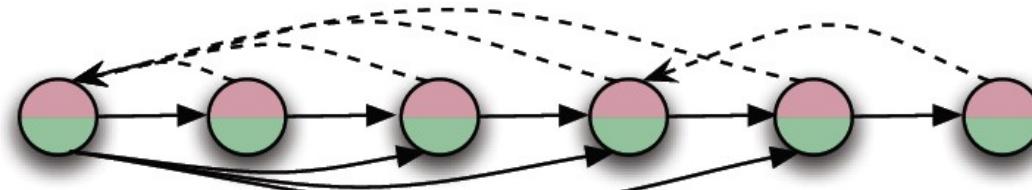
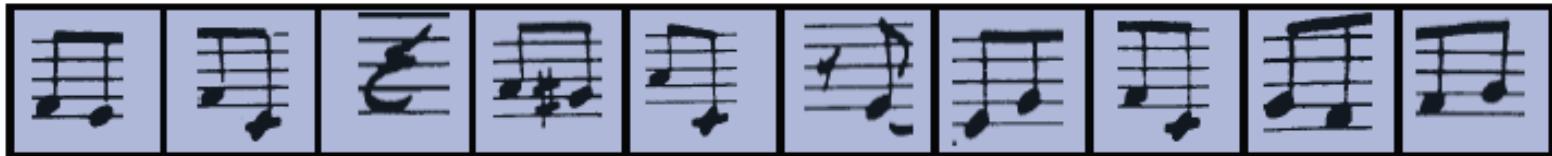
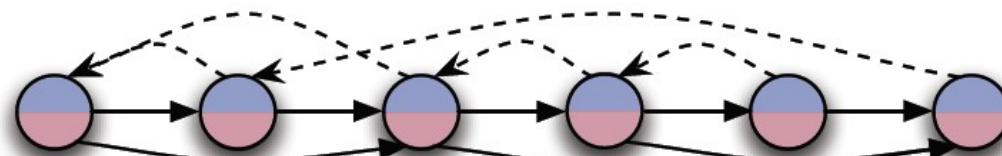
*Mélodie à harmoniser*

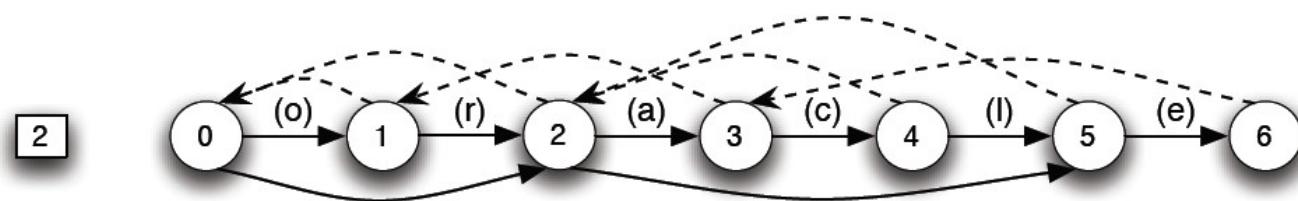
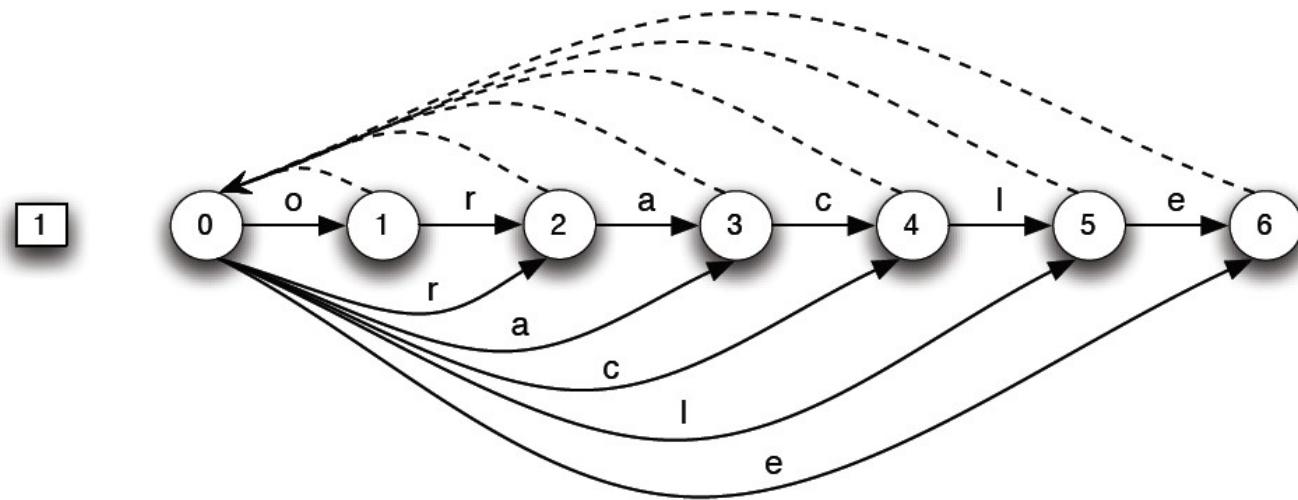


*Oracle d'harmonisation choisi dans le corpus*

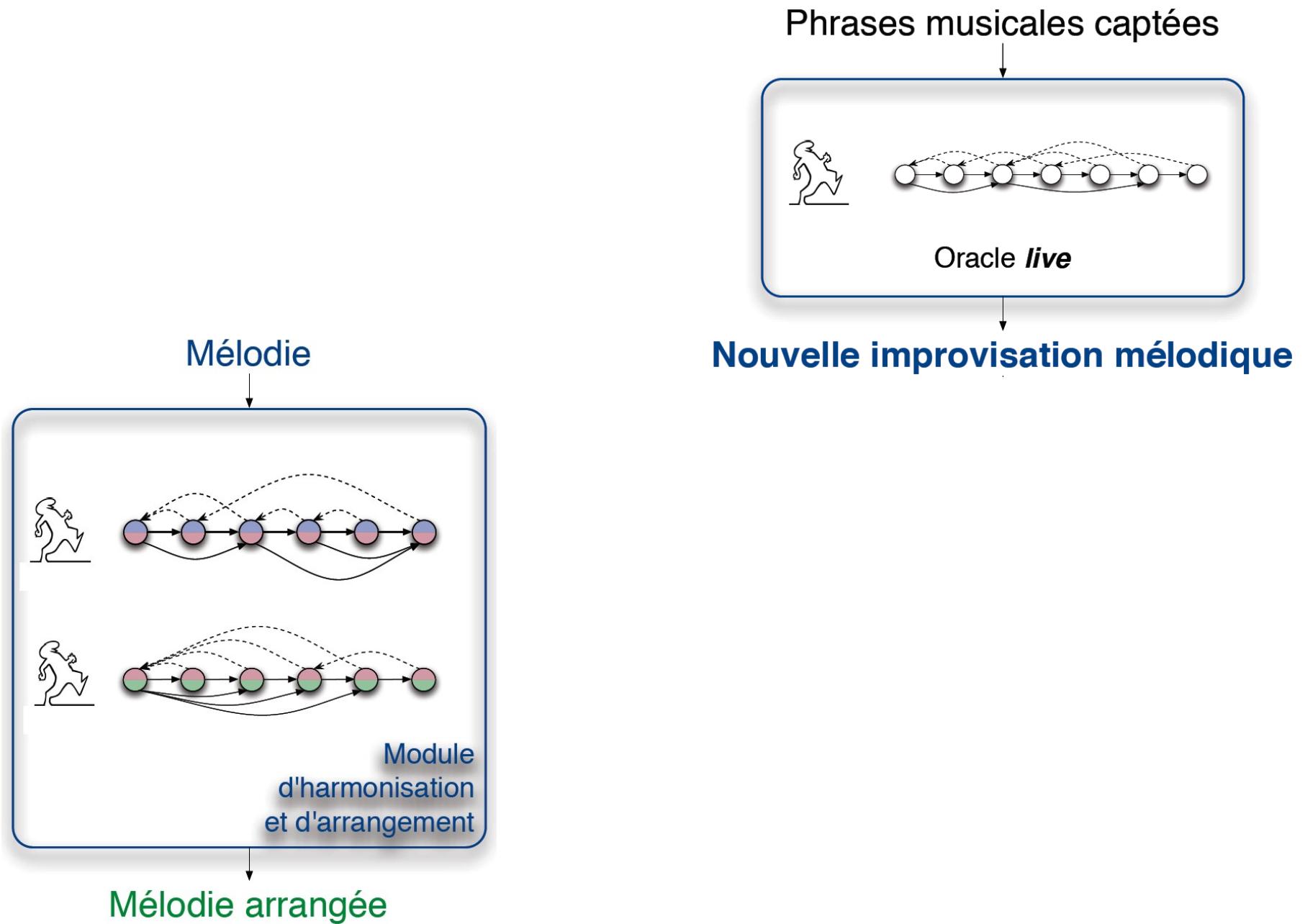
*Labels harmoniques obtenus*

# Harmonisation et arrangement en cascade





1. **Oracle** du mot « oracle »
2. **Pythie** associée, classes d'équivalence *voyelle* ou *consonne*



# Un instrument interactif

"Grid : loaded"

## Tune

Dicidenbas 128 110 4

New grids

Length impros (grids)

1 2 3 4

1

Stop server

## Oracles

### Live oracle

Max-continuity

5 10 25 50 100 500 1000

0

Reset live oracle

### Harmonization corpus

#### Harmonization oracle

Current oracle

AliceInWonderland\_solo.or

#### Arrangement oracle

Current oracle

AliceInWonderland\_accomp.or

Max-continuity

5 10 25 50 100 500 1000

0

## Harmonization analysis

Grid	
Impro	
Oracle	

Aantescofo~.improtek2.1.July.2011 (presentation)

Midi in

Kbd 1 to MaxMSP 1 Ch 1

Kbd 2 to MaxMSP 1 Ch 2

Stop server

replace 0

Audio volume 0.1

BluesForAlice

Jaime

Au Privave

Metronome BT 120

Hit space key to start the beat tracker, or to take control of it.

on/off **Beat tracker — Oct 24th 2010**

Adaptation algorithm : Toivainen

volume

click off

Side Stick

122.45 bpm

reset to default

antescofo~ @outlets notenum beatnum

120. beat1

N=new L=linear G=grid H=harmonized melody

Jaime-grid.txt

Midi out

Ch: Received\_Sent

Impro 1 AU DLS Synth 1 1 3 Grand 100

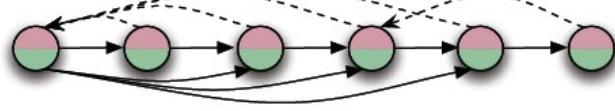
Impro 2 AU DLS Synth 1 2 4 Grand 100

Créer corpus à partir de données live

Improvisation sur ***Blues for Alice*** :

1

2

 <p>Oracle d'<b>harmonisation</b> appris sur :</p>	<i>Blues for Alice</i>	<b><i>Au Privave</i></b>
 <p>Oracle d'<b>arrangement</b> appris sur :</p>	<b><i>Brassens</i></b>	<b><i>Au Privave</i></b>

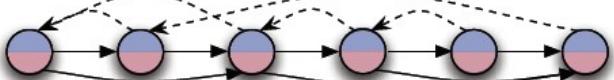
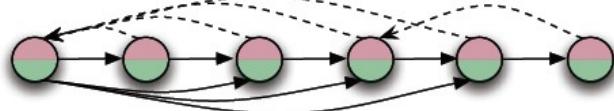
## Improvisation sur ***Au Privave*** :



1

2

3

 <p>Oracle d'harmonisation appris sur :</p>	<p><i>Au Privave</i></p>	<p><i>Au Privave</i></p>	<p><b>Plusieurs standards</b></p>
 <p>Oracle d'arrangement appris sur :</p>	<p><i>Brassens</i></p>	<p><i>Blues for Alice</i></p>	<p><b>Plusieurs standards</b></p>

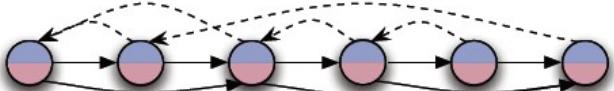
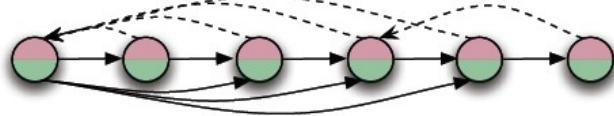
## Improvisation sur ***J'aime pour la vie***, Bernard Lubat :



1

2

3

 <p>Oracle d'harmonisation appris sur :</p>	<p><i>J'aime pour la vie</i></p>	<p><i>J'aime pour la vie</i></p>	<p><b><i>It don't mean a thing</i></b></p>
 <p>Oracle d'arrangement appris sur :</p>	<p><b><i>Plusieurs standards</i></b></p>	<p><i>J'aime pour la vie</i></p>	<p><b><i>It don't mean a thing</i></b></p>