

# Personalities

Everything You Ever Wanted To Know And  
Won't Stop Asking About (Ever, Apparently)

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# Objectives of this lecture

- Completely describe the persona system
- Introduce and explain use of pronoun markers in Arabesque scripts
- Explain and demonstrate package creation and distribution using Xanadu and xnebula:0

<RLV folder>

<tone markers>

<preset messages>

# PERSONA FILES

# Core persona functions

- Named p\_<name>
  - Stored in user memory; see *Robots 101*
- Managed by cortex
- Execute Arabesque script on startup
- Reconfigure RLV folders
- Change speech marker (with gender interaction)
- Change preset messages

# File format

## default

45a8a032-2d5a-3115-8bde-bdb0e3fab61c sxd-mmm b3e1418d-af3a-9d9a-ae52-73c0f0bcd7ae

yes := Yes. I no := No. I hi := Hello! I bye := Goodbye. I ok := Acknowledged.

lol := Humor detected. I cannot := Cannot comply. I error := Error.

use me := This unit is available for use. I use me? := This unit offers **\$m\_refl\$** for use.

dance? := This unit is capable of dancing. I help := This unit requires assistance.

thanks := This unit is grateful. I explain := Further explanation is required.

need help? := Do you require service?

mind := This unit cannot comply while **\$m\_pos\$** cortex is disabled.

**RLV folder**

**Tone markers**

**Preset messages**

**Pronoun substitutions**

# RLV folder loading

- Personas reference the folder: `#RLV/~NS/<name>`
  - This is the text specified on the first line of the file
  - Not necessarily the persona's actual name
- The `~NS` part of the path can be changed in the `_oem` file with the built-in `path` command
  - E.g. `path ~SXD`
  - See *Robots 101*
- Folders are unloaded when the persona is deactivated

# RLV folder loading

- Unlike normal files, not recommended for use with clothing!
  - Where did you get that instant 3D printer? We didn't give you one of those...
- Consider using this instead with animation overrides, body shapes and hair layers (to change facial expression)

# Tone markers

- The second line may contain 1, 2, or 3 sound names, separated by spaces
  - *1 sound*: used **only for female** voice gender; neuter and male voices will use hardwired system defaults
  - *2 sounds*: first sound is used for **both neuter and male**; second sound is used for **female**
  - *3 sounds*: **neuter, female, male**
- Sounds may be specified either by UUID or installed in speaker module (see voice font documentation)



# Preset messages

- List can be seen by typing `.info`
- Format: `name := message`
- Or just message
  - If no message names are specified, then these are read in a default order
  - `.y`, `.n`, `.hi`, `.bye`, `.ok`, `.lol`, `.cannot`, `.error`,  
`.fuck me`, `.fuck you`, `.dance`, `.help`, `.thanks`,  
`.explain`, `.pickup`, `.mind`
  - Not all personas use the same commands, so check first!

# Preset messages

- Can be specified one per line, or combined onto one line with | (pipe) between them
- Spacing around each message is ignored
- Tighter packing is faster for loading, but lines max out at 256 characters

# px\_<name> scripts

- Executed once by Arabesque (see *Robots 102*) when persona file is loaded
- Must have same name as p\_<name> file

physical  
mental  
voice

# **PRONOUNS AND GENDER**

# Gender system

- Three features: physical, mental, voice
- Physical and mental gender specify pronouns
  - Mental: use in unit's own speech
  - Physical: use in descriptions
- Voice gender specifies what set of speech markers is used (see previous)

# Gendered pronouns

<u>gender</u>	<u>abs</u> olutive	<u>pos</u> sessive	<u>sub</u> ject	<u>obj</u> ect	<u>ref</u> lective
inanimate	its	its	it	it	itself
female	hers	her	she	her	herself
male	his	his	he	him	himself
neuter	theirs	their	they	them	themselves

To use in preset messages: **\$m\_abs\$** or **\$p\_abs\$**

To use in Arabesque scripts: **\$m\_abs** or **\$p\_abs**

(These can be customized in `manage > identity > gender`)

# Persona file with pronouns

default

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**RLV folder**

**Tone markers**

**Preset messages**

**Pronoun substitutions**

# Persona script file with pronouns

randset mm 3

ifeq mm 0 say /me feels a deep, all-consuming blush as **\$p\_pos** fan begins to speed up ever so slightly. The fruity scent of lubricant soon fills the air as **\$p\_subj** coquettishly giggles at the nearest suitor, mouth covered.

ifeq mm 1 say /me yields the softest of sighs from as the pangs of passion and the eagerness to please overtake the poor machine's programming; the air filling with the nearly lyrical sound of internal systems coming to life.

ifeq mm 1 say /me moves to begin prostrating to the nearest eligible user, already trembling...

ifeq mm 2 say /me looses a satisfied moan from deep down as **\$p\_pos** controller flashes pink for a brief moment, entrenching the excited, lustful sensation of submission.

ifeq mm 2 say /me presses **\$p\_pos** thighs together ever so subtly, struggling to stay standing under the weight of these newfound feelings.



\_\_xanadu-package

~<name>\_<version>

<name>\_<version>\_info

# XANADU

# Creating a package

- Packages on a Xanadu server consist of two files
  - The package itself (an object): `<name>_<version>`
  - The readme file: `<name>_<version>_info`
- A template for this is now included in the SDK package (as of today; go get an updated copy!)

# Inside the package

- Minimum of three files:

## **\_\_xanadu-package**

*Magical file that makes the package work—don't rename this!*

## **~<name>\_<version>**

*Uninstall script; contains names of all files in package*

## **<name>\_<version>\_info**

*Readme file (same as before); accessed from:*

manage > software > remove > package > info

# Distributing your work

- Ctrl-drag it onto xnebula:0 in the server room downstairs
  - This is a public server that anyone can put stuff on!
- Package servers are not yet available for purchase
  - There are some bugs to work out with updating

# Distributing your work

- To protect your work from being messed with by others, move it into a prim of your own creation, and don't leave it in the default install disk given to you
- This will make it easier for us to identify package creators and prevent people from issuing updates to someone else's projects
- Packages should have copy-transfer permissions
  - If you have your own server, though, you can cut this down to copy-only

# Getting more help

- **Nanite Systems User Group**
  - Ask here first!
- **[support.nanite-systems.com](https://support.nanite-systems.com)**
  - Still mostly empty, but these things take time...
- Pestering rhetOrica with questions
  - Or **[support@nanite-systems.com](mailto:support@nanite-systems.com)**
- DAX/2 8.0.5 Manual PDF
  - Not *entirely* out-of-date, just increasingly incomplete

# Getting more help

- **@help**
  - Contains command reference for the system; not yet complete
- **@commands**
  - List of all supported commands
- **[nanite-systems.com/progress](https://nanite-systems.com/progress)**
  - Current and upcoming system changelog
- Come to the NS main campus (here!)
  - Lots of other people are often around and can answer questions

**This has been...**

# **Personalities**

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**Thank you!**